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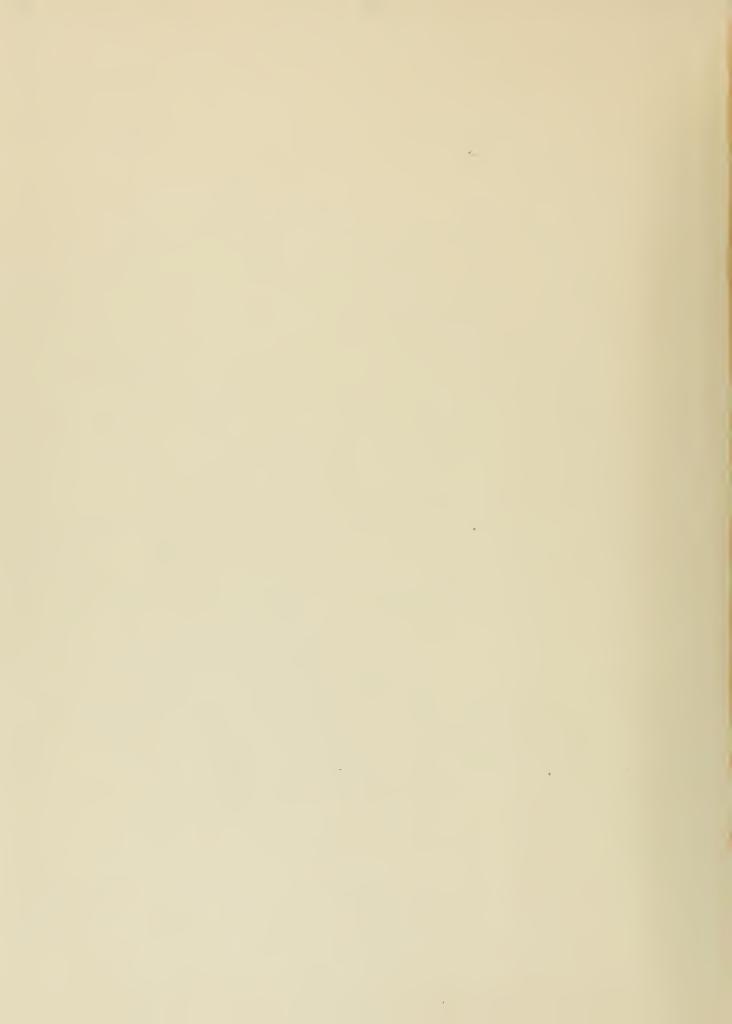
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A SURVEY OF THE DUTIES ASSIGNED TO ENLISTED MARINES SERVING WITH NROTC UNITS

LAWRENCE FONTAINE SNODDY, JR.

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A SURVEY OF THE NATIONS ASSIGNED TO EMPLISHED MARINES SERVING WITH HEORY UNITS

A THESIS

SUMMITTED TO THE GRADUATE SCHOOL

IN PARTIAL PULFILLIEUT OF THE REQUIENTED:

for the degree

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DIVISION OF CORRESATED STUDIES

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Irwin A. Berg, Ph. D.

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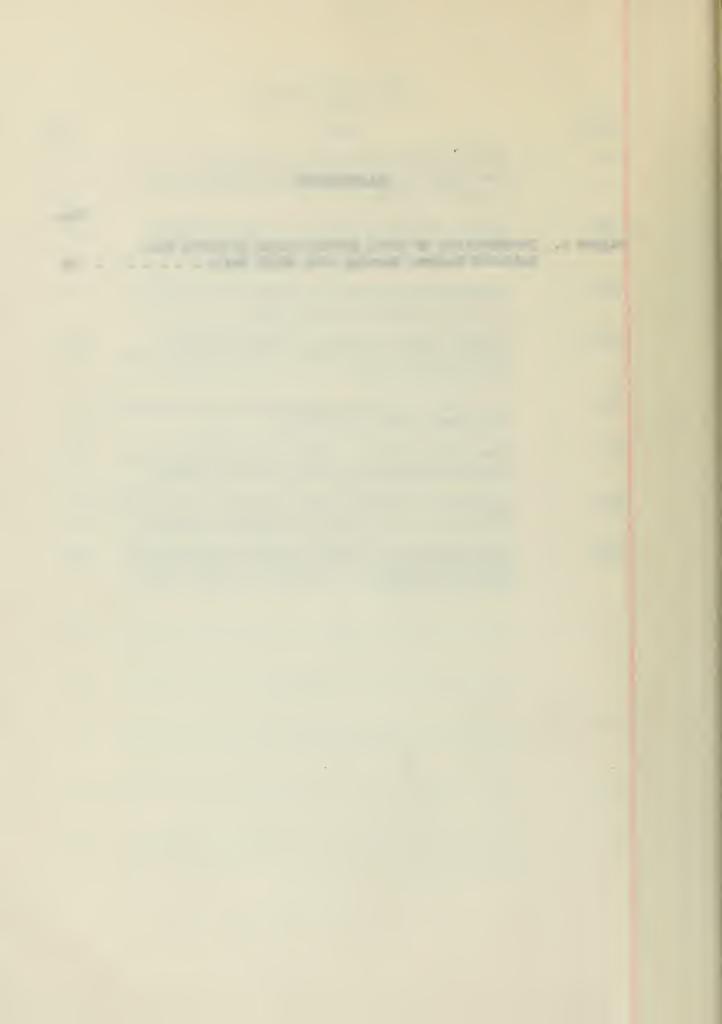
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Reckpround of the problem. If an employer is to solve the probless of patting the "right man in the right job", that employer needs
at least two kinds of information. First, he must have information
about the man who is being considered for the job and second, he must
have information about the requirements of the job to be filled.
Thile this may seem altogether too obvious, it was not until comparatively recent times that employers recognized the fact that both the
man and the job must be given consideration if an efficient organimation is to be attained.

Coincidental but significant is the fact that interest in the study of individual differences and interest in specifying jon requirements in writing were both attaining prominence at about the same time, though from entirely different directions. In 1875 J. McKeen tattell (?) began to publish important articles on reaction time and individual differences. At about the same time, 1870-1890, Frederick taylor (36) began to develop his principles of scientific management. These first studies of individual differences in work activities, carried on by Taylor, and later, by Frank B. Cilbreth (13), and their associates, were directed primarily toward increasing production through a careful analysis of the associate involved in handling a given type of work.

The problems of men emalysis and job analysis were brought into sharp focus by World War I. With the entrance of the United States into the War in 1917, the United States Army was faced with the trerendous problem of raisin, and training a large citizen army with an

insufficient supply of comissioned and non-commissioned officers in the Regular Away. With the assistance of the American Psychological Association, there was established the Committee on Classification of Personnel in the Away. This Committee was concerned primarily with the conservation of skilled men and their utilization in the Away where their skills were needed the most. To accomplish this aim, it was necessary for the Committee to make an analysis of just what each officer and enlisted man could do. It was equally necessary to analyze the many jobs in the Away in terms of the skill and training necessary to perform them efficiently. According to Lansburgh awa Spreigel (18, p.33) greater emphasis on human relations in scientific sanagement was a direct outgrowth of those war experiences. Scott et. al. (31, p.ix) are of the opinion that World War I provided an unprocedented stimulus to American employers to study the adaptation of these principles to the personnel problems of inhastry.

The military pervices of the National Nilitary Establishment have learned by the experience of two world wars that it is of vital importance to place in every essignment men who are physically, emotionally, and mentally qualified to do what is required by the assignment. Each of the services has some type of personnel system which has as its function the discovery of the military abilities of men and women in that service and their optitudes or trainability for military jobs. Hand and hand with classification of personnel must go the establishment of job requirements in order that men and jobs can be reasonably well matched. The degree of proficiency required in each job must be ascertained and training courses established when required to enable a sufficient number of personnel to meet job requirements. The de-

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termination and recording of job requirements is one aspect of job casalysis.

The United States Marine Corps has realized the importance of classifying its personnel and of determining job requirements. In 1949 the personnel classification system of the Marine Corps was completely revised and brought up to date. Prior to commencing any revision of the personnel system, it was necessary to study all Marine Corps jobs and establish a realistic job structure based on actual field requirements. Consequently, in the summer of 1947, the Personnel Research Division of Mendquarters Marine Corps was directed to conduct an analysis of all Marine Corps jobs and revise the Military Occupational Specialties Manual (41) based on the data collected. The limited number of personnel available for such work prevented the analysis of all jobs performed by Marines. Further, some post-war jobs were comparatively new in the Marine Corps and had not been established long enough to provide an area for profitable study.

Among the relatively new jobs performed by Marines are those with units of the Mavel Reserve Officer's Training Corps. 1 Marine Corps personnel assigned to MROTC units perform such deties as may be assigned them by the Professor of Mavel Science at each unit. To date there has been no attempt to ascertain specifically what duties are assigned to emlisted Marines serving with MROTC units. 2

The Maval Reserve Officers Training Corps shall bereafter be referred to in this study as MRONC.

Confirmed in an interview with Officer in Charge, Procedures Analysis Office, Headquarters Narine Corps, Washington, D. C., December 21, 1949.

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Purpose of the study. The purpose of the present study is to survey the duties presently assigned to Marine Corps enlisted personnel serving with MROTC units. On the basis of the findings, recummendations will be made as to how personnel should be selected for such duty and what specialized training appears to be desirable if they are to perform those duties satisfactorily.

Brief history of the MACHE progress. The MACHE was established under authority of Section 22 of the Act of March 4, 1975, as exceeded. The mission of the MACHE is:

"... to provide by a permanent system of training and instruction in essential subjects at civil educational institutions a source from which qualified officers may be obtained for the Navy and the Harine Corps, and the Haval Reserve and the Marine Corps Reserve.

The Maval Reserve Officers Training Corps will accomplish its mission as an agency for providing and maintaining neval officer strength by-

- (a) Qualification of students for appointment as ensigns in the regular Havy and the Naval Reserve, or second lieutenants in the Marine Corps and the Marine Corps Reserve, thus assisting in meeting the needs for commissioned personnel.
- (b) Increased dissemination of knowledge concerning the Nevy and Burine Corps, their purposes, ideals, achievements, and handleaps, thereby gaining interest in the smintenance of adequate navel preparedness." (b2, p.2)

The MOIC is exposed of naval training units established at edexational institutions throughout the United States. At the present time there are MOIC maits at fifty two colleges and universities.

Each MROTE unit is under the command of a Professor of Haval Science, who is either a Captain, U. S. Mavy, or a Colonel, U. S.

^{3. 34} U.S. Code, Sup. 821; Public Law 729, 79th Compress, as exended by Public Laws 71 and 381, 80th Compress.

which plants are in the second of the later than the A PERSON NAMED IN COLUMN 2 IN AND REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY. THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. which the later was the part of the party of A REST NAME OF THE PERSON. And the second s the supplement of the party of the party of the party of and the second s personal part of the control of the A REAL PROPERTY AND ADDRESS OF THE PARTY AND A

Harine Corps. As head of the Department of Haval Science, he, and the officers of his staff, are members of the faculty of the college or university.

The number of officers and emiliated men of the Mayy assigned to duty with NBOR units is determined by the Bureau of Mayal Personnel, based upon the exigencies of the mayal service and the personnel requirements of the units.

As determined by the Chief of Naval Personnel and the Commendant of the Parine Corps, the following Marine Corps personnel are assigned to the MRCAC progress:

- (a) Marine Corps Cificer Instructors Major or below one per unit.
 - (b) Staff Son-Commissioned Officers one per unit.
- (c) Executive Officers Ligutement Colonel eight in pro-
- (d) Professors of Naval Science Colonel eight in pro-

Officers and enlisted men ordered to report to the Professor of Hevel Science at an MADIC unit perform such duties as may be assigned them by the Professor of Saval Science. (42, p.25).

Sixteen and two-thirds percent of the INDIC students may be conmissioned in the Marine Corps or the Marine Corps Reserve on a voluntary basis. HMORC students who wish to be considered candidates for commission in the Marine Corps or Marine Corps Reserve are given the opportunity to submit a written application to the Professor of Neval Science, via the Marine Corps Officer Instructor, after the completion

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of two years in the NROTC program. The Professors of Naval Science are authorized to enroll in the Marine Corps Naval Science courses up to sixteen and two thirds of the potential number of graduates of any class. During the last part of the junior year and the entire part of the senior year these students undergo instruction in Marine Corps courses in lieu of the Naval courses. A list of the Marine Corps courses in the NROTC curriculum is contained in Appendix B.

It should be pointed out here that initially all the NROTC students are under contract to the United States Navy. The Marine Corps is entitled to 16 2/3% of these men only if they voluntarily seek admission to the Corps. The Marine Corps therefore is in the position of having to win its officer candidates from among the naval officer candidates. It is therefore important to the Marine Corps that the Marine Officer Instructor and his enlisted assistant be men of high caliber in order that they will attract suitable NROTC students to Marine Corps service. They should be capable of attracting not only the average student but at least a share of the top students. Since the Marine Non-Commissioned Officer works even closer with the NROTC students than does the Marine Officer Instructor, the enlisted Marine becomes very important in the business of winning officer candidates for the Marine Corps.

Then too, at several of the universities there are Army RCTC units with personnel of the regular Army and Air Force. At these institutions the Marine Corps enlisted instructor is the only enlisted representative of the Marine Corps present. Considering the large number of contacts of these military men with the educational institutions and the general public, and the opportunities for fostering

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 good-will toward the military establishment, it seems to be a matter of good business and good public relations for the Marine Corps to have in the MMOIC jobs those men who will further friendly relations for themselves and the Marine Corps.

Job analysis. Good business organization requires that there be an adequate division of labor into jobs or positions. It further requires a comprehensive statement and evaluation of each job and the assignment of the right person to it. Job analysis is a tool by which jobs can be evaluated and by which jobs can be evaluated and by which jobs can be evaluated and by which jobs can be matched with available can power.

In industry, job analysis was developed for the purpose of securing data which were to be turned over to the employment office for use in selecting workers to fill vacancies in the organization.

Unrorock (40, p. 164) gives a brief but adequate description of the development of job analysis as follows:

"The interest in job enalysis was crystallized when Frederick W. Taylor published 'Shop Management' in 1941. The movement has gone through four well-defined stages. The first job analysis records were random notes which described individual jobs. These were followed by the composite, easny job specifications which represented an attempt to combine 'conson elements'. In the third stage the marrative description was retained and a list of items to be checked was added. By means of this list it was possible to make a quick survey of working conditions and man requirements. This material proved a valuable supplement to the job description. The fourth step was taken during the World War."

After World War I when industry faced the problem of finding work for dischled and handle appeal workers the job analysis and man analysis technique proved to be of great value. Many industrial institutions and far-sighted business executives profited invensely by the work of the Counittee on Classification of Personnel in the Army and devoted

considerable effort to the analysis of both men and jobs.

The term job analysis has come to rather wide usage and is defined in many ways even by those recognized as anthorities in the management field.

Ordway Tead (37) in 1919 gave his definition of job analysis as "a scientific study and statement of all the facts (reparding the job) that throw light on its content and especially on its relation to the worker". The American Institute of Bolt, But, and Rivet Manufacturers (1, p.2) has more recently stated that job analysis is the "process of determining the pertinent information relating to the nature of a specific job". Fiftin (39, p.28) mays it is "a determination of the main characteristics (physical, mental, educational, and so forth) that a man must have to fill a particular job satisfactorily". Finally, specialists on job analysis in the United States Department of Labor have defined the procedure of job analysis as "the procedure of determining, by observation and study, and reporting pertinent information relating to the nature of a specific job" (20, p.7).

All of the foregoing definitions of job analysis are essentially the same. They certainly would agree that job analysis involves a detailed study of the specific elements of a job. With such a limited definition as that however, there might be differences of opinion as to which elements of a job should receive more study than others. The lational Industrial Conference Board (24, p.7) points out that "it may vary in complexity and in type of analysis from a study of major features to a detailed study of each individual motion involved and of all surrounding conditions". Further, as Watkins (45, p.209) has shown, in addition to the specific elements of the job, it may involve

the relation of the particular job to others in the organization and the affect of its performance upon the health and general reactions of the worker.

It can be said then that the individual has a wide choice of definitions of job analysis and can select a definition which is in accord with his particular purpose. Tiffin (39, p.28) recognizes this and lists four major types of job analysis as follows:

- a) Job analysis for personnel specifications.
- b) Job analysis for training specifications.
- c) Job analysis for setting of rates.
- d) Job shalysis for methods improvement.

In keeping with the purpose of this study, the type of job enelysis to be used herein will be a combination of a type mentioned by
the Mational Industrial Conference Board and the first two of the
types listed by Tiffin. That is, the job enelysis in this study will
be directed at the major features of the jobs under consideration with
the end view of determining personnel specifications and appraising
present training for such jobs. It will be kept in mind that Shartle
(32, p.13) has warned that in enalyzing jobs to establish personnel
specifications one must be careful to differentiate job analysis from
man analysis.

Actually, the uses of job enalysis are many and varied. As early as 1919 Neine (20, p.45) said that the chief uses to which job analysis could be not were divided into two groups:

- a) for the improvement of working methods and processes.
- b) for employment purposes in selecting, transferring, end promoting employees, and in establishing wage schedules.

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In 1942 however, Zerga (47, p.251) reported that an extensive survey of job analysis literature for the period 1911-1941 revealed at least twenty common uses for job analysis information. The uses he listed ranged from training to setting rates to health and safety programs. Valters (43, p.59) says that an important use of job analysis is to improve present jobs through clarification of duties, elimination of overlapping duties, and to fix responsibility more definitely. Watkins (45, p.209) has written that job analysis "enables the employment department to see each worker in relation to a specific type of work and to assure proper adjustment between the sea and the job". In summary, it appears that there is no phase of industrial activity which job analysis can not serve.

It should be pointed out that job analysis is not restricted to highly sechanical, runtime jobs of big business. On the contrary, job analysis has been used with great value in many businesses of varied size and activity. Recent periodical literature discloses that job analysis is used with success in athletics, teaching, certain medical work, personnel activities of the Church, social work, banking, and many, many types of clarical jobs (4, 8, 12, 16, 17, 21, 29, 33). And as previously described herein, the Marine Corps has made extensive use of job analysis in its personnel management program and has relied on job analysis to provide necessary data for revision of its entire personnel structure.

According to the American Management Association, Committee on Job Analyzis, (2, p.3) the effect of job analyzis is "to increase the efficiency of the agencies which deal with the human relations problem in industry and commerce". Industry has recognized the constitute to be

gained from job analysis and the trend has been steadily upward as more and more businesses have appreciated what job analysis has to offer. Farks (27) in 1936 reported that significant increases were noted in the master of firms using job analysis. In 1947 a survey of 325 companies in 25 states by Scott et. al. (31, p.571) revealed that 66% of those companies were using job analysis of some type.

The first step in job analysis is to obtain a job description.

Otis and Leukart (26, p.229) have said that the purpose of the job description is to identify, define and describe clearly the job to be rated and thus to give a fairly detailed picture of the duties and responsibilities of the job. Tiffin (39, p.29) writes that the job description is simply "a detailed statement of what must be done by the man on the job". Regardless of the definition adopted, it is apparent that job analysis must be preceded by written descriptions of the job analysis must be preceded by written descriptions of the job analysis must be preceded by written descriptions of the job analysis must be preceded by written descriptions of the job

Selection and training. A survey by Spriegel and Vallace (3%, p.79) in 1947 lends support to the fact that industry has become increasingly aware of the benefits to be galand by proper selection and training of employees. They found that the application blank, which is a tool of nemagement in the selection process, was being used by 99.5 percent of the companies which they surveyed. In 1930, only 69 percent of the companies were using the application blank. The survey also revealed that the number of companies using intelligence tests to improve selection and training methods had increased from 17 percent in 1930 to approximately 36 percent in 1947.

It is appropriate to note here that the first step in the process of maintaining a psychological examination program in the determination

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of the abilities and capacitles required for success in the position to be filled. On the relationship between the testing program and job analysis, Nucher and Kingsley (23, p.165) have stated that "the dependence of the test upon adequate job analysis is insediately apparent".

In any business where there are a lot of jobs, formal training is required to fill deficiencies in knowledge that is required for any given type of job. In businesses where there are only a few jobs training is usually less formal but still is a necessity. In any military service the very large number of different kinds of jobs requires many different training programs in order to assure sufficient numbers of trained personnel.

The first step in training is the establishment of desired results to be obtained by the training. Dusired results cannot be known unless the requirements of the jobs to be filled by the trainees are known. One industrialist (2, p.3) said of training and its relation to job analysis:

"No one disputes the value of training. Therefore, how can there be any question regarding the value of job shallysis, for how can one train another without having the exact knowledge that job analysis gives as a basis for the training."

Walters (43, p.59) sums up the relationship micely when he notes that job analysis is the only way to provide a definite basis for training.

The evidence then is that selection and training techniques are important and profitable and are an essential part of any program of enlightened personnel namegenesis. Further, if the selection and training programs are to be effective they must be based on factual information about the jobs in the organization. The factual infor-

mation required can be provided only by adequate job analysis.

Personnel management in the Marine Corps. The United States
Marine Corps personnel system embraces all of the functions which are
mormally associated with personnel management. The Officer in Charge
of the Procedures Analysis Office, Department of Personnel, Headquarters, U. S. Marine Corps, (15, p.48) has recently defined personnel
management as the "process of effectively plasming, organizing, directing, and supervising all personnel matters so as to obtain the maximus
efficient utilization of, and production from, the management would include personnel procurement, classification, essignment, promotion,
morale and welfare, training and separation.

Headquarters, U. S. Marine Corps, from which all major Marine Corps personnel policies emanate, has realized that personnel management is as important as any other command function such as operations, intelligence, or logistics. The Corps has realized too that not only to its personnel have to be classified but that its various jobs do too. An official of the Personnel Department, Headquarters, U. S. Marine Corps, is quoted as follows (14):

"First there is personnal classification. It is that aspect of classification which deals with the qualifications of individuals. It is the process of collecting, recording, and continuously evaluating information concerning the military qualifications of personnal, and identifying such qualifications in a standardized manner.

Second, there is job classification. It is that aspect of classification which deals with the duties and requirements of jobs. It is the process of collecting, analyzing, and recording all information for accurate identification of Marine Corps jobs and identifying such jobs in a standardized manner.

I think it is obvious that neither personnel nor job classification alone serves any useful purpose. It is only when the two are completely integrated that classification can be an effective tool in personnel management."

PROCENTEE

frinary data required. It was essential to this study that job descriptions be obtained from the Marine Corps enlisted personnel currently serving with MROIC units. Job descriptions were desired for three reasons. First, they would reveal the specific duties assigned to these Marines. Second, they would furnish a basis for personnel specifications for use in the selection process. Third, they would provide a basis for comparison with the specialized training given these men and thereby give an indication of the value of such training.

Nothed of obtaining primary data. The three most commonly used methods of obtaining information about a job for use in job descriptions for job analysis are:

- 1) observing those performing the work.
- 2) interviewing those performing the work.
- 3) having those who are performing the work write descriptions of their duties following some sort of questionnaire.

The fifty-two NECTC units are scattered all over the United States. The only choice practicable in this study was that of having the new on the jobs write descriptions of their duties following a specially constructed questionnaire (See Appendix C).

It is realized that the questionnaire method of obtaining job descriptions is the least desirable of the three methods. As pointed

out by Scott et. al. (30, p.118) the usefulness of the date obtained by the questionnaire is dependent entirely on "first, the willingness of the individual to furnish the data; second, upon his possession of the facts; and third, upon his ability to present them in the right way." These cannot be disregarded so steps were taken to evercome them to some extent at least.

This study is being made of military personnal and has the standing of official business. This gives the advantage of having the men
evaluable under military orders to furnish such information as may be
necessary. It is realized that the men could not be forced by any
method to write a good job description but it is believed that there
will be sufficient cooperation from the personnel concerned.

Care was taken to limit the questionnairs so the individual Marine would have in his possession all the facts necessary to permit adequate answers. Some assistance in this respect was obtained by observing the duty performance of the enlisted Marine on the Staff of the Professor of Maval Science at Northwestern University and discussing the job with the Marine Officer Instructor of that Unit.

As to the ability of the Marines to describe their jobs in the right way, not a great deal could be done but to hope for the best. Along this line however, it was requested of the Professor of Maval beionce that both he and the Marine Officer Instructor review the completed job description and add any comments which appeared to be necessary for clarification. It was hoped too that having the job description reviewed by the Marine Officer Instructor would result in a more complete job description in those instances where the enlisted Marine was not too thorough in his answers.

The questionnaire. An attempt was made to have the questionnaire be as short as possible and yet cover the probable extent of the job. It was realized that completion of the questionnaire and related forms would be as extra task for the personnel involved and it was considered that it would be better received if it did not appear to be overwhelming at first look. Then, too, it was not desired to gather a mass of detail which would be impractical to utilize.

In addition to the questionnaire about his daties, each Marine was to complete a personal history questionnaire concerning his education, both civilian and military, length of service, age, and other factors which were thought to be pertinent to his record. This information is on record officially in the Service Record of each of the larines but it was considered more expedient to request this information of each Marine than to request it from Beedquarters, U. S. Marine Corps, where a major cherical job would have been required.

To accortain how well each man performed his presently assigned duties and what kind of impression he makes on those with whom he works, a rating form was devised and the Professor of Naval Science was requested to fill out the form after the job description had been completed by the Marine. The rating form purposely was limited to those traits considered as probably most important to this type of duty. In support of this technique of a short rating form, Thorndike (38), Stevens and Wonderlic (35), and others have found by statistical study that it is generally as satisfactory to rate workers on only a few traits as it is on a large number of traits. Swart et. al. (11) found that in some cases "worker competency" could be rated on one, or possibly two "traits", as well as on the basis of twelve.

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Several steps were taken too to minimize the "halo effect" on the rating form. Specifically, under the first, third, and fifth traits, the ratings were listed with the unfavorable ratings first and under the second, fourth, and sixth traits, the favorable ratings were listed first. This was done to require the rater to read each rating under each trait before marking. Further, the rating on over-all job performance was placed last on the rating sheet in order that the marking on that trait would not unduly influence markings on the other five traits.

Copies of the letter to the Professors of Maval Science, the job description questionnaire, the personal history questionnaire, and the rating form are included in the Appendix.

Other data. It was considered important that there be an examination of the test scores on the Army Coneral Classification Test for each of the Marines now serving in the MROTO program. It was assumed that there was some relationship between success in these MROTO jobs and test scores above a certain grade. Data on test scores were not available at each MROTO unit so the information was requested from Meadquarters, U. S. Marine Corps.

Information was required as to how Marines now in the MRONC program were selected for those jobs and what standards they were required to meet prior to their selection for such duty. Such information was necessary if present selection methods and standards were to be evaluated in light of the findings with regards to the actual duties performed by these Marines. These data were requested of the Fersonnel Department, Headquarters, U. S. Marine Corps. Data in addition to that furnished in writing by that Department were obtained

by personal interviews with those officers at Headquarters who are concerned with the selection and assignment of enlisted Marines to the MROTC program.

It was also important for this study that date be obtained on the specialized training which was given to these enlisted Harines in anticipation of their assignments to the MROW program. These data were requested directly from the United States Havy schools at the Haval Dase, Norfolk, Virginia, and the U.S. Haval Training Station, San Diego, California.

PERMIS

Data received. Data furnished by fifty-one of the enlisted Marines serving with MROEC units and information furnished by Boadquarters, U. S. Marine Corps, and the Instructors fraining Schools have been compiled and are presented in the following Tables.

TABLE I

MARINES SERVINE WITH MROTE UNITES

Daty	such duty
Instructs in:	
a. Infantry Weapons	29
b. Laboratory sessions for all Marine	
Corps courses (See Appendix B)	50
c. Close Order Smill and Coremonies	19
d. Map Reading and Terrain Appreciation	7
e. Rifle Markasanship	7
f. Marine Corps Administration	2
Assists the Marine Officer Instructor in all	
Marine Corps courses	29
Coaches Unit rifle and pistol teams	25
Performs clerical work for Marine Corps admin-	
istrative matters	25
Assists Drill Instructor	18
Coaches Unit rifle team	10
Provides security and maintenance for Unit	
small arms in Armory	14
Prepares training aids for the Marine Officer	
Instructor	1.1
Drives and maintains Unit vehicle	10
Operates and maintains Unit rifle range	7
Conducts familiarization firing for all ENORC	
students	6
Assists Coach of rifle and pistol teams	24
Stores and issues Unit books and publications	łą.
Makes up drill schedules	3
Conches school rifls team	2
Issues and receives Unit library books	2
Maintains Unit training aids library	2
Trains Unit Color Quard	5
Assists Unit Bond Officer	1
Acts as telephone talker for Navy gun drills	1
Maintains Unit Bulletin Board	3
Manages circulation of Unit newspaper	1
Performs daily police details	1.
Serves as Unit Mail Orderly	1
Serves as Unit Decreation NCO	. 1
Serves as Unit Transportation NCO	1.
Stores and issues clothing for MADIC students	
Supervises Unit Hobby Shop	1
Unlocks and secures MACIC building daily	1

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TABLE II

VALUE BUTIES OF FIFTY ORD SELECTED NABILES SERVING WITH MROTE UNITS

		Io. reportio
3	uty	such daty
Drives Unit vehicle when	atrocted.	19
Performs clerical work for	or Marine Cores	
administrative matters	~	9
Stands Unit Petty Office:		
Instructs university rif		
Maintains Unit vehicle	Commence of the Commence of th	
Operates film projector	for all Unit classes	E- 100 600 600 600 600 600
Serfores general police		2
Corves as Unit Mail Order		ğ
Berves as Unit Messenger		**
Shows movies to civilian	ovenninations mo	W.
reserve units	and Character and the patent was a second	3
Maintains cleanliness of	one or name ages mod	w)
cleaning stations	secretary courts strongers are patients are definer men and	2
Meintains Coca-Cola machi	ine	
Frepares classrooms for a		2
Prepares training aids	Books Com Com And Com And	2
Assists Chief Currers Mat	nexa flam of of	6.12
instruction	TO COLUMN TO THE PROPERTY OF T	
Assists Coach of high och	many after from	(E)
Assists in issuing clothi		7
Assists in issuing unifor		dl.
equipment to IRCC stud		1
Assists Instructor in Name		7
Assists in maintenance of		1
Asolate in training Maria		1
Instructs in Close Order	Ref	4.
Receive unit	DETT THE TREET LEAST	***
Instructs in rifle sarks	Partial Family and relationship	
Recerve unit	MADELLY AST ASSESS TRAVELS	2
Issues exthorizations for	- Water advision to the design	3
	r minus pauments to expe	3
books	All Aller The Add	2
Maintains all infantry wo		3
Operates Unit mineograph		1
Perform administrative t	ages for anit in groomes	2
of Chief Yearan	S. J. J. W. Y. d. R. J. J.	3
Publicizes MOTO program		3
Serves as orderly for Pro		
Serves as telephone talks	er for body gas drills	7
Stands library watch		3

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DANGE III

MAJOR RESPONDIBILITIES PERCEND BY FOFTY CAN SALISAD MARINES SERVING WITH PROOF UNITS

Coaching MECHC Rifle Team 16 Instructing in Laboratory sessions 12 Instructing in small arms 12 Coaching Unit rifle and pistol teams 11	
Instructing in small arms	
Instructing in small arms	
Instructing in close order drill 10	
Instructing MACAC students in rifle and pistol	
arkspenship 7	
Operating and maintaining rifle range 7 Assisting Brill Instructor 6	
Assisting Drill Instructor 6	
Maintaining Unit small arms	
Herine Corps administration 5	
Marine Corps administration 5 Assisting the Marine Officer Instructor 3	
Maintaining and issuing text books 2	
Safeguarding Unit small arms 2	
Assisting Instructor in Mayel Science Course	
401(M) (Military History and Policy)	
Being prepared to parform any duty assigned 1	
Cooperating with members of the other branches of	
the Armed Forces and civilians without eacri-	
ficing the standards and ideas which the Naval	
dervice exemplifies 1	
Custody of Unit training sids	
Exhibiting exemplary conduct becoming to a	
professional Marine in order to sustain and	
enhance the public opinion of the Marine Corps	
and the NRONC Unit in its relationship with	
the public 1	
Instilling in the Midshipman pride in the Naval	
service and respect for Naval personnel by	
exemplary conduct	
Mainteining Unit Bulletin Board	
Police work 1	
Providing transportation for NNOW Staff 1	
Representing the Marine Corps 1	
Supervising the Hobby Shop	
Supervising Midshipment participation in univer-	
sity extra-curricular activities of a military	
nature and their participation in civic affairs 1	
Upholding and promoting favorable opinion of both	
Armed Forces and civilians concerning the	
excellence of the Maval Service	

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INFORMATION OR PROCEDURES "MOST INFORMANT AND INCESSARY TO KNOW" REPORTED BY FIFTY ONE ENLIGHED MARINES SERVIN) WITH INFORC UNITS

Information or procedure	Reported by
Infastry weapons	29
Hethods of markgmanship instruction	26
Close order drill, including ceremonies	21
Marine Corps administration	19
Techniques of instruction	12
Knowledge necessary to perform the duties of	
1608 0319	8
Use and application of training aids	8
Knowledge of people at the college level	6
Range procedures	5
Map reading	2
Military courtesy	2
Public speaking techniques	2
Aims of the MACIC program and the methods to	
develop competent officers	1
Functions of the Marine Corps	1
General knowledge of the service	1
Croup psychology	1
How to accomplish an objective by persuasion	
rather than by direction	1
How to cooperate	1
Knowledge of history with emphasis on the military	
and political aspects	1
Marine Corps history	1
Operation of film projectors	1
Specific knowledge of the history and development	
of the Art of Land Warfare	1
Terrain appreciation	1

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TABLE V

MATERIALS AND EQUIPMENT FOR WHECH FIFTY ONE ENLISHED MARKERS SERVING WITH MROIC UNITS ARE RESPONSIBLE

Natorial or equipment Rep	orted by
Unit infantry weapons and ensumition	42
Unit rifle range	16
Marine Corps publications	10
Unit vehicle or vehicles	8
Training aids for Marine Corps courses	erie Ž
All Marine Corps property	5 5 5
Text books for Marine Corps courses	5
Unit library and books therein	5
All Unit training aids	2
All Mavel ordnonce moverial	1
Athletic gear	3
Clothing stocks for IBOIC students	1
Motion pieture projector	I
Training aids library	1
Unit Dulletin Board	1
Unit loud speaker equipment	1
Unit optical equipment	1

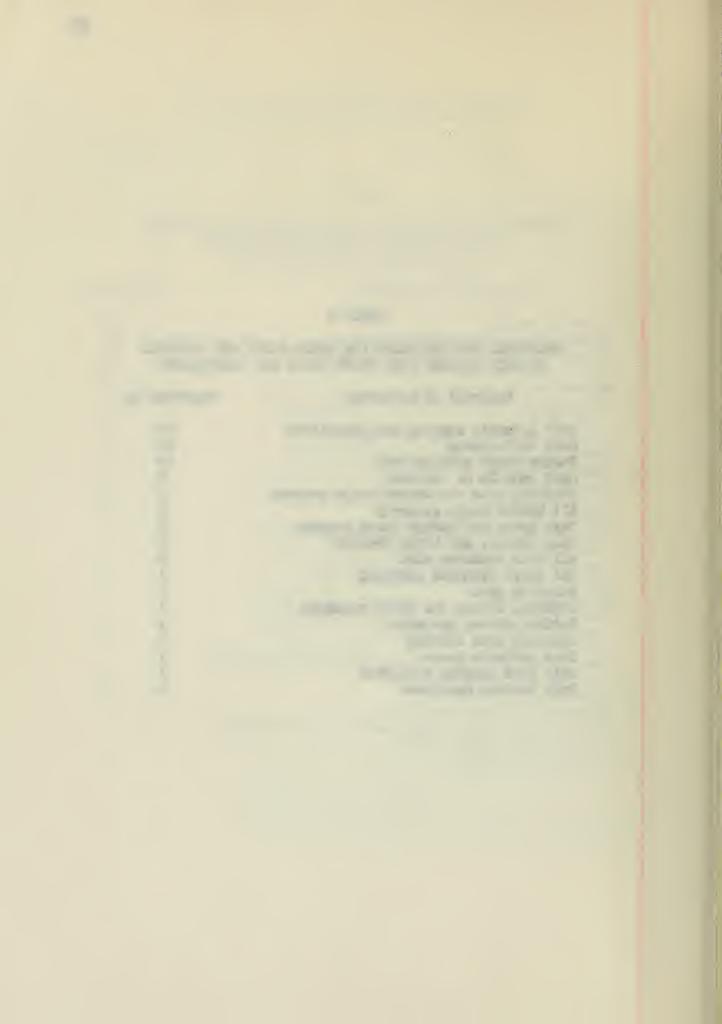


TABLE VI

SCURCES OF OCCUSED PERCHIED BY FIFTY CHE HELISTED MARINES SERVING WITH HECK UNITS

Source	Seported b	7
Marine Officer Instructor only Professor of Naval Science, Executive Officer,	57	
and Parine Officer Instructor only	15	
Duty Officer-as regards driving assignments	13	
All Unit officersas regards training aids All Unit officersas regards administrative	5	
work	5	
Unit First Lieutement-es regards police		
<u> </u>	2	



TABLE VII

REFERENCE MATERIAL REPORTED AS MOST USEFUL BY PIFTY ORE ENLISHED MARINES SERVING WITH REFORM UTILITY

Material or publication	Reported	by
Army Field Hannels	42	
Marine Corps Schools publications	16	
Naval Ordnance publications	11	
Navy Tegulations	11	
Army Technical Manuals	10	
MEORC text books	9	
Marine Corps Nemal		
Marine Corps Casette	7 5 5	
MONOC Instructors Guide	5	
Guidebook for Marines	l.	
National Rifle Association Spall Bore		
Rifle Rules		
Maticmal Rifle Association Pistol Rules	3	
Mational Rifle Association Instructors	_	
Mermel	3	
Handbook on Small Bore Rifle Shooting	2	
Landing Force Manual	2	
Marine Corps Letters of Instruction	2	
The Leatherneck	2	
Bureau of Personnal Hannal for Admini-		
strative Daties	1	
Data from Instructors Orientation Course	1	
Infantry Journal	1	
Haval Courts and Boards	1	

*See Appendix D for brief descriptions of the various publications.

TABLE VIII

ACTIVIFIES CUISINE OF THE HIGH PROGRAM IN WHICH FIFTY CHE HELISTED MARINE INSTRUCTORS PARTICIPATE

	So. reporting
activity	such activity
No outside activities	33
Coaching varsity rifle team	7
Coaching istramural softball team	3
Instructing drill for school band	3
Bowling in faculty athletic league	2
Coaching intronural basketball teem	2
Coaching varsity rifle and pistol teems	2
Coaching freehmen rifle team	1
Coaching local high school rifle team	1
Coaching intramural rifle tesms	1
Coaching Marine Corps League pistol team	1
Coaching Marine Corps Reserve rifle team	1
Instructing a sorority drill team	1
Instructing drill for local city band	1
Instructing flight and ground subjects for	
school flying club	1
Instructing Judo for school Physical Bou-	
cation Department	1
Instructing Maval Reserve firing squad	1



TABLE IN

DUTY CONSTITUTED MOST USEFUL AS PERPARATION FOR MICHE DUTY BY PIFTY ONE BULISTED MARINES SERVING WITH MEXIC UNITS*

Duty	No. reporting this duty
Fleet Marine Force	12
Recruit Depot Drill Instructor	11
Pirst Sergeent's billet	6
Rifle range coach	5
See duty	5 5 4
Enouledge from all previous duty is utilized	4
Marine Corps Schools	la la
Sergeant Major's billet	
Sea School	3
Instructors Training Course	2
No other duty provides background for MONC duty	2
Small areas instructor	2
Assistant Professor of Military Science and Toc-	
tics, private military academy**	1
Assistant Regimental 3-2	1
Notor transport	1
Parachute School	2
Personnel Administration School, Parris Island	1
Renge Officer	1
5-3 Section, Marine Berracks, Camp Fendleton	1
Staff, Commander in Chief, U. S. Pacific Fleet	1
Troop Leaders School	1
Troop fraining Unit	1

*See Appendix E for brief descriptions of the various daties.

what en official duty.

TABLE X

OUTLINE OF PRESENT SYSTEM OF SELECTING ENLISTED MARINES FOR MROTO DUTY

A. Qualifications.

1. Eggential:

- a) Available for change of duty. This has been a prime consideration.
- b) Fifth, Sixth, or Seventh Pay Grade.
- e) "Good" Army General Classification Test score.
 - 1) AGCT score of 100 is now considered the minimum acceptable.

2. Desirable:

- a) Married and of a stable character.
- b) Some decorations.
- c) Some inclination of instructor ability.
- Administrative ability along with an interest in marksmanship.
- e) Military Occupational Specialty 0319, Infantry Chief, or 0316, Infantry Unit Leader. 5

B. Selection Procedure.

- Records of emlisted Marines meeting the qualifications listed in A, above, are selected by the Emlisted Detail Branch.
- 2. Becords are forwarded to Procurement Section, Officer Perfor-
- 4. The General Classification Test shall hereafter in this study be referred to by ACCT.
- See Appendices F and G for descriptions of these Military Occupational Specialties.

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(TABLE X COME.)

mance Division, Department of Personnel, for final selection of Marines for MROTO program.

- Records are returned to Enlisted Detail Branch which orders those selected to one of the Instructors Training Courses and thereafter to the respective Units.
 - a) Emlisted Marines are ordered direct to Units only if necessary to relieve Emlisted Marine Instructors because of sickness, empiration of emlistment, or some other good reason.

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TABLE XI

RATINGS OF FIFTY ONE ENLISTED MARINE INSTRUCTORS BY PROPESSORS OF RAVAL SCIENCE

Beting	Meriber	Percent
1. Military Meatness and Dearing:		
Prepossessing, attracts attention	9	17.6
Very most, well grouned		62.8
Clean, orderly		19.6
Foor posture, needs neatness reminders	4 0 0 mm	-wide
Slovenly, not ment		- 100 dps-
Potal	51	100.0
2. Group Adaptability:		100000
Congenial, is sought after	24	47.1
Generally accepted by the group	27	52.9
Colorless, does not attract	*** ***	general gr
Repelling, avoided by others		
Total	··· 51	100.0
3. Work Attitude:	33.	100.0
The second secon	18	50 5
Eagerly enthusiastic about his work		35.3
More than average interest in his work		47.1
Shows interest ordinarily expected		11.8
Scortimes appears indifferent		5.8
Goes about his work half-heartedly	PER SEN	eliptilik.
Total	51	100.0
4. Knowledge of His Work:		
Has mustary of all phases of his work		37.3
Unnamally well informed about his work		33.3
Has adequate knowledge of his work	14	27.5
Has not gained adequate comprehension of his		
WORK, and a varance of the contract of the cont	*** 1	1.9
Total	51	100.0
5. Performance of Instructional Duties:		
Has outstanding instructional ability	16	31.4
Above average for an enlisted instructor,		11.8
Sufficient instructional ability for this duty.		51.0
Below average for an enlisted instructor		5.8
Not sufficient ability for instructing MRON	*** 3	344
students		
	1	100.0
Total	37	100.0
6. Overall Job Performance:	43.	alkane are
Oststanding		27.5
Modilont		56.9
Average		9.8
Pair	3	5.8
Poor	0 0 0 min	- databas
Total	51	100.0

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TABLE XII

DISTRIBUTION OF PATIES ON OVERALL JUB PERFORMANCE OF FIFTY ONE ENLISTED MARINES SERVING WITH MRORD UNITS

Rating	No. receiving this rating	Percentage
Outstanding	14	27.4
Excellent	29	56.9
Average	5	9.8
Fair	3	5.9
Poor	None	Rome
Te	otal 51	100.0

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TABLE XIII

ARMY GENERAL CLASSIPICATION TEST SCORES OF ENLISTED

MARIJES SERVING VITE MROTO UNITS*

Grade	Score	No. of Marin	es Percentage
I III IV	Under 70 70-89 90-109 110-129 130-160	None 2 10 29 11	3.8 19.3 55.8 21.1
		Total 52	100.0

*See Appendix II for description of the Army General Classification Test.

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TABLE XIV

AVERAGE AGCT SCORES OF PIPTY ONE PROTO ENLISTED MARINE INSTRUCTORS ACCORDING TO PATINGS ON OVERALL JOB PERFORMANCE

Overall Job Performance Bating	Hean AGCT Score	Standard Deviation	Median ACCT Score
Yair	109	2.4	109
Average	109	20.4	98
Excellent	120	9.6	120
Outstanding	123	11.9	120

PARCE XV

DISTRIBUTION OF RATINGS ON OVERALL JOB PERFORMANCE BY FIFTY ENLISTED MARINES SERVING WITH MROTIC UNITS*

	Mumber	Percentage			Reting			
Occupational Field	in this field	in this field	Out- standing	Excel-	Aver-	Fadr	Poor	Poor Total
01-Administration	23	94	9	47	a	H	2	83
03-Infantry	ನ	QI T	0	10	H	ev	,	ส
06-Field Artillery	CV.	4	•	C	1	3		Q
21-Weapons Repair	rl	ભ	1	н	,	*	*	-1
23-Ammunition and Explosive Ordnance Disposal	લ	A		a		•	1	ev.
58-Security and Guard	1	N	1	t	r-t	ą	s	p=4
Total	20	100	*	29	#	ന		20

* One Enlisted Marine Instructor did not report his MOS.

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TABLE XVI

MARGER OF SERVICE SCHOOLS OF OVER TWO WEEKS DURATION ATTEMPED BY PIFTY ONE ENLISTED MARINE INSTRUCTORS SERVING WITH MROTO UNITS

No. of schools	No. of Marines attending	Percentage
0	9	17.7
1	17	33.3
2	13	25.5
3	8	15.9
4	1	1.9
5	1	1.9
6	2	3.8
	Fotal 51	100.0

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TABLE IVII

AVERAGE CHARACTERISTICS OF FIFTY ONE ENLISTED MARINES SERVING WITH MROTE UNITS

Mean ACCT Score	Standard Devistion	Near Years of Service	Mean Age	Mean Years of Formal Education
119	13.2	12.2	33	12.1

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Total .			5
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TABLE XVIII

AVERAGE CHARACTERISTICS OF EMLISTED MARINE INSTRUCTORS IN THE BIGHEST AND LOWEST CROUPS OF TOLAL RATING SCORES

Mean No. Mean No. Mears of Outside Mervice Activities	13	13 1.0
Noun Years of Education	12.2	11.9
Standard	14.4	13.7
Mean Agorr Score	211	त्र
Nean Eating Score	11	क्र
Orong	Lowest 18%	Highest 18%

9° li A STATE OF THE R. P. LEWIS CO., LANSING SIZE OF THE PARTY 5 Ĭ

TABLE XIX

INSTRUCTORS TRAINING SCHOOLS ACTIVITIES PRESCRIBED BY BUREAU OF NAVAL PERSONNEL.

Subject	Hours	Percent
Instructional Procedures	36	30.0
Practice Teaching and Evaluation	29	24.2
Preparation	17	14.2
MROTC Orientation	14	11.6
Review and Tests	12	10.0
Projector Operation	8	6.7
Field Trips to Observe Instruction	4	3.3
Total	120	100.0

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	AND REAL PROPERTY AND ADDRESS.
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TABLE XX

FOUR WEEK CURRICULAM PRESCRIPED FOR INSTRUCTORS TRAINING SCHOOLS BY BUREAU OF BAVAL PERSONNEL

Introduction and overview of course
Factors affecting learning
How to study
Historical development of the MROTC
Planning instruction
Training aids (Functions, types, availability)
Training aids (Proper utilization)
Training aids (Projector operation)
Evolution of the MROTC curriculum
Instructional analysis (Complete billet or rate)

Instructional analysis (Breakdown of a single job)
Training aids (Designing and making)
Overview of the MROTO program
Bureau of Maval Personnel publications (MROTO)
Duties of instructors at an MROTO unit
Methods of instruction
The demonstration method
The directed discussion method
Planning instruction (preparation phase of lesson plan)
Selection and types of MROTO candidates

University organization and its relation to the NEOEC
Planning instruction (Introduction phase of lesson plan)
Planning instruction (Presentation phase of lesson plan)
Academic organization of the NEOEC
Evolution of teaching techniques
Planning instruction (Application and summary phases of lesson plan)
Student activities on the campus
Advantages of NEOEC assignment
In-service training at an NEOEC unit
Planning instruction (Assignment phase of lesson plan)

Instruction Sheets (Includes Information sheet)
The Job Sheet
The Assignment Sheet
Testing techniques
The achievement test - essay type
The achievement test - objective tests
The performance test
The identification test
Test scoring techniques (Includes interpretation of scores)
Shop and laboratory management
Scheduling techniques

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TABLE XXI

OPINIONS OF EMLISTED MARINE INSTRUCTORS AS EMGARDS ADEQUACY OF THE INSTRUCTORS TRAINING COURGES

Opinion	No. with this opinic	n Percentage
Course was adequate	31	60.8
Course was imadequate	9	17.7
Did not attend the course	Total 51	21.5

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TABLE XXII

NICOMOGNICATIONS OF FIFTY ONE MROTE UNIT ENLISTED MARINE INSTRUCTORS CONCERNING THE INSTRUCTORS TRAINING COURSES*

Recommendation	Recommended by
No recommendation	35
Place more emphasis on training aids	8
Include course on infantry weapons	2
Include information on the duties of enlisted	
Marine Instructors	2
Include courses in map reading, terrain	
appreciation, and naval justice	1
Increase length of course	1
Place less emphasis on instructing methods	1
Reduce amount of detailed instruction and	
substitute more practical instruction	1
Reduce length of course to three weeks	1
Review close order drill	1

^{*}Gee Appendix K for detail comments and recommendations of the Emlisted Marine Instructors.

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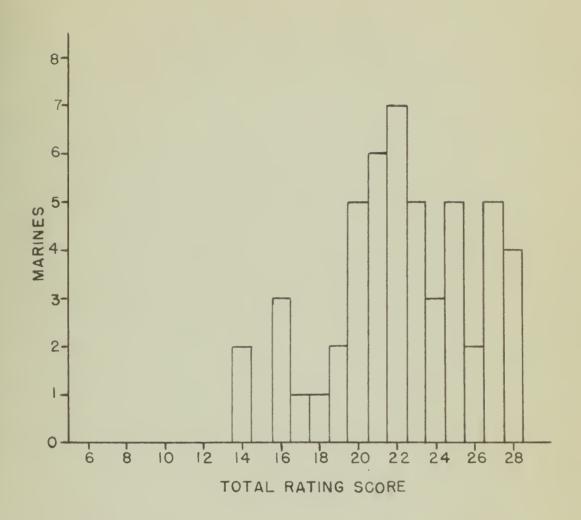
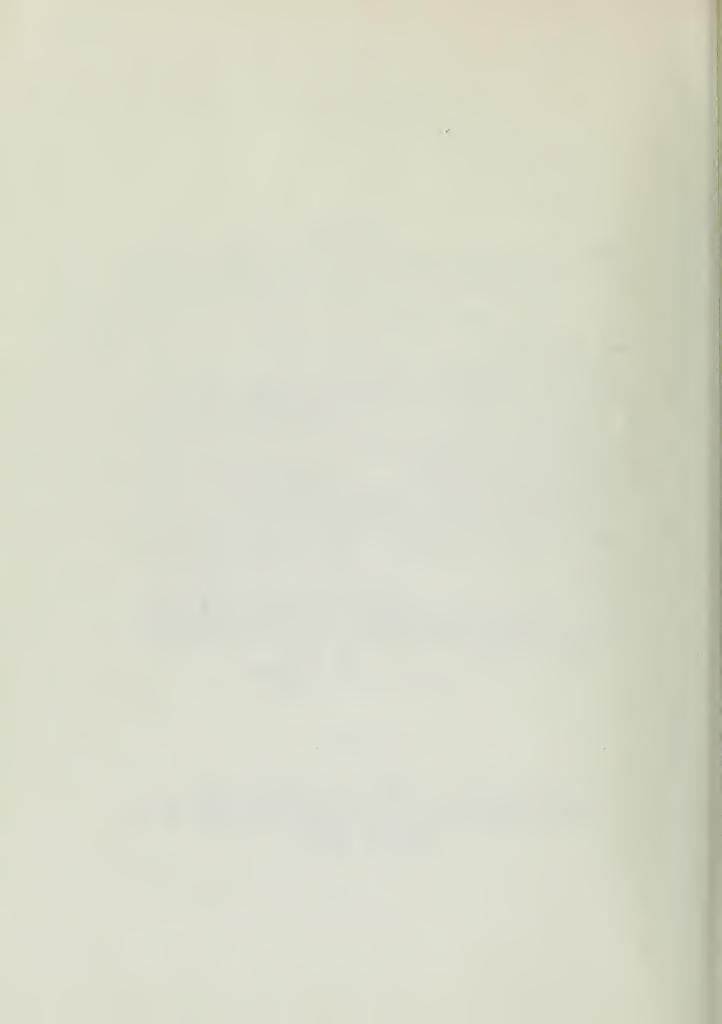


FIGURE 1

DISTRIBUTION OF TOTAL RATING SCORES OF FIFTY ONE ENLISTED MARINES SERVING WITH NROTC UNITS



DISCUSSION OF RESULAT

Desponse to question mires. In response to the 52 letters sent to the Professors of Havel Science, 51 replies were received. A further check with the Marine Officer Instructor of the one Unit that did not reply revealed that the Professor of Maval Science was retaining the letter and that it probably would not be answered. The Marine Officer Instructor was unable to suggest a reason as to why the Professor of Maval Science would not comply with the request. No further efforts were made to obtain a reply from that Unit officially.

While the quality and quantity of the data furnished by the enlisted Ferines was generally good, there was some variability in the data furnished. A few of the job descriptions were stated in much greater detail then was necessary for this study while a few others were almost too brief for full understanding by anyone not familiar with local Unit conditions.

The comments of the Marine Officer Instructors were as varied in completeness. In some instances, the Marine Officer Instructors went to great length to add explanatory notes or to elaborate on the data prepared by the enlisted Marines. Unfortunately, this was not done in all cases where it would have been most useful. Several of the more roomly prepared job descriptions contained no indication of having been reviewed by the Marine Officer Instructors. In two other cases, the Marine Officer Instructors merely signed their names to indicate approval but made no clarifying remarks or other comments. Despite these occasional lapses, most reports were complete and fully usable.

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Duties of Enlisted Narine Instructors. For purposes of this study the Marines were asked to list usual duties end other duties separately. A study of the completed job descriptions indicates that the primary difference between usual datios and other duties is cloply a matter of emphasic in the various Units. The emphasis placed on a particular duty may be the result of varying policies of the Prefessor of Naval Science or the Marine Officer Instructor or may result from the absence of other qualified personnel from the Unit. For example, four Marines reported the usual duty of storing and isquiry MHORO text books. At least one of those Units does not have eny Mavy Supply Corps personnel aboard and such duty would be assigned to some masher of the staff in addition to his other duties. Data on Supply Corps personnel at other Units were not available. Other varied enginesis is shown by the fact that 25 of the Marines considered Marine Corps administrative matters a usual duty while nine others considered such matters as other duty. The amount of administrative work required of the RROT Units is pretty such the same in each case but the correcpondence of the Marine Officer Instructors appearently varies considerably.

An analysis of both the usual duties and the other duties reveals that the inlinted Marine Instructors are assigned duties that may be reasonably expected and only one "other duty" assignment is considered to verrent adverse criticism. One Merine reported that he was required to serve as orderly for the Professor of Maval Science. As a general rule, Meval officers the rank of Coptain and Marine officers the rank of Coptain and Marine officers the rank of Colonel do not rate the services of an orderly.

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It must be burne in mind that every military unit has certain howekeeping duties which must be performed and these duties are usually divided enoug all regular members of the unit. It is therefore not disturbing to find that two Marines have the job of maintaining Coca-Cola machines, that one Marine has the usual duty of unlocking and securing the Unit building each day, or that another one serves
regularly as the Unit Mail Orderly. There are limits to which Enlisted Marine Instructors should be assigned these howsekeeping duties
but in this survey no Marine was found to be overly burdened with such
duties.

Major responsibilities. The major responsibilities reported most often were concerned with instructional duties. The instructional duties are primarily concerned with the subjects of infantry weapons, marksmanship, and close order Grill. Most other major responsibilities were closely related to these subjects. The difference between weapons and marksmanship is that weapons instruction includes functioning, safety precautions, and capabilities of the various infantry weapons whereas marksmanship instruction includes the various individual firing positions, sighting and siming, etc., and renge regulations.

Seven of the Marines listed such major responsibilities as "exhibiting examplary conduct...", "cooperating with members of the other branches of the Armed Forces...", and "Instilling in the Nidshipman price in the Neval pervice..." These responsibilities were listed in addition to other more specific duties and probably reflect emphasis on those facets of MROTC duty by the Marine Officer Instructor or the

Professor of Naval Science. In other instances, Professors of Naval Science commented on the importance of inving well qualified, personable calisted men on duty with MASSE Units and pointed out the responsibilities of these personnel of making favorable impressions on the otudents and school officials.

Important information and procedures. The completed job descriptions revealed that enlisted Marines serving with MACHE Units must know infantry weapons, markswamship procedures, close order drill, and Marine Corps administration and must know the necessary rechniques for instructing in those subjects.

Several Marines thought it important to know military history of one kind or another. It is not believed necessary for the Unlisted Marine Instructors to have extensive knowledge of military history. The following comment by one of the Marine Cificer Instructors is applicable:

"The need for a broad historical background and knowledge of the development of the Art of War are not necessary. If this knowledge is held by the NCO Assistant, so much the better, and more responsibility can be placed upon him."

Responsibilities for material and equipment. The greatest uniformity enough all the reporting Units was that of having the enlisted Marine responsible for the Unit's infantry weapons and assumition.

Forty two Marines indicated that they were assigned such responsibility. The completed job descriptions did not indicate that any Marine is assigned responsibilities for material and equipment beyond that to be reasonably expected.

^{6.} Source confidential.

Sources of orders. It was desired to know whether or not the enlisted Marines are being used as assistants to the Marine Officer Instructors, as staff instructors, or as jacks-of-all-trades at the discretion of all officers of the Units. Though the replies to this question did not specifically settle this aspect of the Marines' duties, it appears that the enlisted Marines are usually assigned their duties by the proper officers.

Extra-curricula activities. Thirty three Harines reported that they did not participate in any activities cutside of the HECH program while the other eighteen reported participation in one or more unofficial activities. Several of the Harines who reported no outside activities blaned their poor housing arrangements for lack of time or transportation necessary to participate in other than official activities.

There were a few instances in which activities outside of the IRGE program were reported as "other duties". It was intended that usual duties and other duties would be assigned, official duties and not a matter of choice for the Marines. An extra-curricula activity was intended to be an unofficial activity participated in voluntarily by those concerned. For example, one Earine reported the duty of assisting the Coach of a high school rifle team. It is believed that this should have been properly reported as an extra-curricula activity. It is possible of course that such a duty has been assigned to that Marine and it is therefore rightfully reported as a duty. In conpiling Tables I, II, and VIII, the duties were listed the way they were reported since sufficient information was not available for any further interpretation. The questionnaire is now recognized an defec-

tive in this respect and it is regretted that the various categories of duties and activities were not more fully defined on the question-

Useful experience. Though duty with the Floot Marine Force and duty as a Macruit Depot Drill Instructor were the most frequently reported as most useful preparation for MRCHC duty, it appears that a masher of other duty assignments provide experience that is valuable to Marines in BRCHC billets. It is interesting that four Marines indicated that knowledge from all previous duty is utilized and that two others stated that no other duty provided background for MRCHC duty. It is believed that the latter two Marines really mean that no other duty orients one for the way in which MRCHC duties have to be performed. That is, in MRCHC duty the enlisted Marine is faced with the problem of instructing a rather select group of college students and the military discipline and routine with which he has been indoctrinated must be altered senswhat in dealing with these young men.

The selection process. The selection process outlined in Table X has been in effect only since the Fall of 1949. The qualifications required of enlisted Marines for selection for MAORC auty prior to the Fall of 1949 could not be ascertained but there is reason to believe that the qualifications were somewhat lower than those now required. For example, under the present selection requirements, no Marines with ACCT scores of less than 100 are assigned to the MAORC program but seven Marines assigned to the program prior to the summer of 1949, and still serving in the program, have ACCT scores of less than 100.

The practice of having the final selection of enlisted Marines

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for the MRCAC program as a function of the Procurement Section. Officer Performance Division, Department of Personnel, has been in effect since early 1947. The Officer Performance Division has cognizence over all officer procurement programs and is therefore very much interested in the MRCAC program. In 1947 an officer of the Procurement Section was designated as Lisison Officer for Marine Corps Farticipation in the IECAT Program. This officer visited a mader of the MRCAC Units for the purpose of observing the duties performed by the Marine personnel and resolving any problems concerning those personmel. Since this officer was the only one in the Department of Personmel with any knowledge of the duties of Marine personnel in the MACHE program, the informal procedure was adopted of having him make the final selection of the enlisted Marines for assignment to the various MROTC Units. Despite the fact that that officer is no longer on duty with the Procurement Section and that there is no written record in the Procurement Section of the duties performed by the enlisted Marines, the files on the available, qualified enlisted Marines are still forwarded to that Section for the final selection of those to be ordered to the MROIC program.

The participation of two agencies in the selection and assignment of enlisted personnel to the MACHE program is considered to be unspecessary. It appears that the present selection system exists because of a lack of information on the part of the Enlisted Detail branch as regards the duties of the Earlines at the MACHE Units. It is hoped that the data presented in this study will be of assistance to the Enlisted Detail Branch in understanding the nature and requirements

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of enlisted billets in the NRONC program and thereby permit it to assume its proper responsibility in the selection and assignment of Warines thereto.

It is realized that factors such as normal tours of duty, retraining assignments, and others must be taken into account in solving
the many personnel assignment problems of the Enlisted Detail Branch.
However, as long as availability for reassignment is a prime consideration in the selection of Marines for PROTE duty there will be too
many below average Marines assigned to such duty. Considering the
values that can accrue to the Marine Corpe if the billets are properly
filled, it seems justifiable to make exceptions to certain assignment
policies if necessary to permit the assignment of well qualified enlisted personnel to the ERCTC progress.

Though inquiry was made of Meadquarters, U. S. Marine Corps, no data could be assembled as to the number of enlisted Marines who have been relieved of their MROTO assignments because of poor performance of duty. Indications are that there have been several Marines relieved of such assignments at the request of Professors of Maval Science.

One Professor of Maval Science added a comment to the rating sheet as follows: "The previous Sergeant was trensferred at my personal, informal request because he was as colorless and neutral as a clothing dumny. Personally competent but uncless as an instructor".

It was found that the minimum acceptable ACCT score was arbitrarily established by an officer in the Enlisted Detail Branch and was not based on a study of the relationship of ACCT scores to job

^{7.} Source confidential.

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performance or of the duties actually required of the Marines. Further, the way "inclination of instructor ability" and "administrative ability along with an interest in markomanchip" are determined is by a perusal of the Marines record to see if he has any experience along those lines.

Shough the present selection procedure provides that the Merines be in the Fifth, Sixth, or Seventh Pay Grade, there are no Fifth Pay Grade personnel now serving with MRSTC Units. In view of the fact that at least three of the Sixth and Seventh Pay Grade Marines are rated only Pair on overall job performance, it appears that profitable use might be made of qualified Fifth Pay Grade personnel.

Statistical analysis. For purposes of statistical analysis, each rating under each trait on the Sating Form shown in Appendix C was assigned a memerical value and a total rating score was computed for each Marine. Under this scale, total rating scores could range from six points to twenty eight points. As shown in Figure 1., page \$2, the ratings were generally high. Only eight of the 51 Marines were rated as Average or Fair and none were rated as being Foor. This is not a particularly unusual distribution of ratings in the military service however. As Scott, Clothier, and Spreigel (31, p.202) have pointed out, there is a normal tendency to rate subordinates higher than the established standard and military ratings are affected by the fact that the ratings are made by men who have relatively few men under them against whom to make comparisons. That is particularly true of SRURC Units.

The correlation of AGCT scores and total rating scores was conputed and found to be + .22. Such a low correlation could conceivably

cocur by chance and is not regarded as indicating any significant relationship between ASCT scores and total rating scores. ASCT scores and scores on the trait of Overall Job Performance were correlated and a Fearsonian r of -.22 was found. Here again, the correlation was considered to be of little significance. It must be borne in mind that these Enlisted Marine Instructors are a rather homogeneous group since they were selected only after meeting certain qualifications. Marines with very low ASCT scores are not assigned to the URSTC program.

For further study and analysis, the Marines with the lowest 16% of the total rating scores and those with the highest 16% were grouped for comparison. It is realized that it is customary to make comparisons between the lowest 25% and the highest 25% but in this study comparable size groups could only be obtained by using 16% at either and of the scale.

Age, years of service, years of formal education, and number of service schools attended apparently have little or no relationship to success or failure in MRONC billets. The average emisted Marine serving with an MRONC Unit at the present time is 33 years of age and has 12 years of Marine Corps service. The relationship between these factors and total rating scores was not found to be significant. The factors of age and length of service are somewhat controlled by the fact that the Marine must be in one of the top three Pay Grades for assignment to this duty and will therefore necessarily have more service and be older than might otherwise be true. As regards years of formal education, those with less than a completed high school course rated as highly as those with one or two years of college. One of the

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Marines who received the lowest total rating score had completed three years of college and another Marine who had completed more than four years of college received a low rating because "he has shown lack of ability to express ideas clearly, forcefully, and concisely." On the other end of the scale, one of the Marines with a perfect total rating score is not a high school graduate. In between these extremes the cases vary widely.

The relationship between the number of service schools attended and rating scores was not found to be significant. Perhaps the most startling discovery here was that nine of the 51 Marines reported that they have not attended any service schools of over two weeks duration and did not even have the opportunity to attend one of the Instructore fraining Courses. This is even more surprising when it is considered that these nine Marines have an average of over 10 years of service.

Specialized training. Despite the policy that enlisted Marines collected for MROEC duty will attend one of the Instructors Training Courses if practicable, 11 of the Marines now serving with MROEC Units have not attended one of those Courses. Of the 40 Marines who reported attending one of the Courses, nine of them, or over 225 thought the course inadequate. All of those who thought the course inadequate did not give reasons for their opinions. Recommendations concerning the training were generally directed to inclusion of some courses covering the subject areas in which the Marines are expected to instruct. The courset given nost frequently was that more emphasis should be placed on training aids. It was interesting to note that

^{8.} Source confidential.

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two Marines complained that no one at the schools knew what duties the Marines would be expected to perform.

It is recognized that the Instructors Training Courses are designed to train enlisted personnel in instructional techniques and it is assumed that the men are already proficient in their individual specialties. On the other hand, it must be considered that a periodic, systematic review of ones knowledge of his specialty is highly desirable—particularly when that knowledge is to be imparted to others. In the case of enlisted Marines assigned to duty it would seem desirable to provide for at least one week of intensive review of the subjects of infantry weapons, marksmanship, close order drill, map reading, terrain appreciation, and the latest developments in Marine Corps administration.

Buch a week of intensive training could be provided for in several ways. A way which would require the least ascent of additional facilities and personnel would be to extend the Instructors Training Courses to five weeks in the case of the enlisted Marines. A Marine officer and an enlisted assistant from a nearby Marine Corps activity could be ordered to the staff of each of the Instructors Training Courses for about 10 days temporary duty to supervise this refresher course for the Unlisted Marine Instructors. After this one week course, the Marines would go on through the regular Instructors Training Course.

SERMANY AND CONCLUSIONS

Survey. One of the tools used in the process of catching men and jobs is job analysis. Job analysis has grown most rapidly since World War I and is now commonly used in private and public businesses,

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including the military corvices. The Marine Corps, though making wide and increasing use of job analysis techniques, has not yet studied the daties assigned to enlisted Marines serving with MRUNC Units.

To survey the duties assigned to these emlisted Marines, questionnaires and a rating form were prepared and sent to each of the NACHT
Units with a request that the emlisted Marine prepare a description of
his duties, furnish certain personal information, and that the Professor of Maval Science rate the Marine on his performance of duty.
In addition, other data, such as ACCT scores and information on the
selection system and the specialized training program, were requested
from Meadquarters, U. S. Marine Corps, and the Navy schools concerned.

From the data collected, it appears that the enlisted Merineo serving with NSONC Units are primarily concerned with instructional duties though they perform many different kinds of duties in addition thereto. The usual duties and other duties assigned to these Marines do not seem to be unreasonable, with one exception, nor are the Marines burdened with undue responsibilities. It is believed that the Marine who serves as orderly for the Professor of Naval Science has been given an improper assignment.

It is clear that Marines assigned to MACAC Units must have a thorough knowledge of infantry weapons, marksmenship, close order drill, map reading, terrain appreciation, and Marine Corps administration and must be able to instruct efficiently in those subject areas.

The job performance ratings seem to indicate that Marines in the Occupational Fields of Administration and Infantry are the best prepared for MROTC duty though it is believed that personnel of the

Fifth, Sixth, and Seventh Fay Grade personnel of other Occupational Fields could readily edapt themselves to the demands of these billets.

At the present time there is a dual responsibility for the selection of Marines for MNONC duty but neither party to the selection process has in writing the requirements for selection and neither party has any written record of the duties performed by enlisted Marines serving with MNONC Units. The qualifications for selection for this duty, in effect since 1949, appear to be stringent enough to reasonably assure the selection of Marines who will be rated above average in the performance of MNONC duties. The qualification of availability for change of duty is considered open to adverse criticism. The minisum acceptable ANCT score was arbitrarily established without the benefit of a thorough study of all factors involved. No grounds were established to permit a firm recommendation that Merines have any particular ANCT score for selection for MNONC duty. However, cartain evidence suggests that the better job performances in MNONC duits are by those Marines with ANCT scores of 110 or over.

Data on the specialized training given these Marines before assignment to MMOTO duty indicate that the training generally meets their needs though an intensive review of certain Marine Corps subjects is highly desirable. The completed questionnaires revealed that the Instructors Training Schools lack information as to what is expected of the Marines by the MMOTO Units.

Conclusions. From the foregoing it is concluded that the fellowing are desirable and are recommended:

a. That the Bureau of Personnel direct each MECRI Unit

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to state in writing the usual duties of the Fulisted Marine Instructor and that copies of such data be furnished to the Commandant of the Marine Corps and each of the Instructors Training Schools.

- b. That upon receipt of such job requirements, the Conmandant of the Marine Corps take such action as may be necessary to have the Anlisted Marine Instructors relieved of those duties that are not in keeping with their status as senior noncommissioned officers.
- c. That the following qualifications be adopted for selection of enlisted Marines for MADURC duty:
 - 1) Minister AGCT score of 110.
 - 2) Fifth, Sixth, or Seventh Pay Grade.
- 3) Occupational Field Ol or 03. Other Occupational Fields acceptable if the Marine has experience in instructing or infantry weapons.
- 4) Experience in administrative positions or rifle range work.
- Availability of personnel for routine change of duty, decorations, and marital status should not be important factors.
- d. That whatever qualifications are adopted be put in writing and thereafter the selection and assignment of emlisted Marines be the sole responsibility of the Emlisted Detail Branch.
- e. That enlisted Marines ordered to duty with MUSIC Units be first ordered to one of the Instructors Training Courses. In event a Marine is assigned directly to a Unit, he should be ordered to the next summer session of one of the Instructors Training Courses.
- f. That the Instructors Training Courses be lengthened by at least one week for enlisted Marknes in order for them to receive an

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intensive review of infantry weapons, marksmanship, close order drill, map reading, terrain appreciation, and Marine Corps administration.

g. That one Meriam officer and one enlisted assistant be ordered from nearby Marine Corps activities for temperary duty on the Staffs of the Instructors Training Schools for the purpose of supervising the one week refresher course for the Enlisted Marine Distructors.

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APPENDEX A

UNIVERSITIES AND COLLECTS WENTER FROM UNIVERS AND ESTABLISHED

Alabama Polytecimic Institute Auburn, Alabama

Arown University Providence, Phode Island

California, University of Berkeley, California

California at Los Angeles, University of Los Angeles, California

Colorado, University of Boulder, Colorado

Columbia University New York City, New York

Cornell University Ithaca, New York

Dertmouth College Hanover, New Hampshire

Dake University Durhes, North Carolina

Georgia Institute of Technology Atlanta, Georgia

Marvard University Cambridge, Massachusetts

Holy Cross, College of the Worcester, Masachusetts

Idaho, University of Noscow, Idaho

Illinois Institute of Technology Chicago, Illinois

Illinois, University of Orbena, Illinois

Town State College of Agri. & Mech. Arts Ames, Town

Kansas, University of Lawrence, Kansas

Louisville, University of Louisville, Kentucky

Marquette University Milwaukee, Wisconsin

Missi University Oxford, Chio

Michigan, University of Ann Arbor, Michigan

Minnesota, University of Minnesota, Minnesota

Mississippi, University of University, Mississippi

Missouri, University of Columbia, Missouri

Hebraska, University of Lincoln, Hebraska

Her Mexico, University of Albuquerque, New Mexico

North Carolina, University of Chapel Hill, Borth Carolina

Northwestern University Evanston, Illinois

Notre Dame, University of Notre Dame, Indiana

Chio State University Columbus, Chio

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Oklahom, University of Bornen, Oklahama

Oregon State College Corvallis, Oregon

Pennsylvania State College State College, Pennsylvania

Pennsylvania, University of Philadelphia, Penosylvania

Princeton University Princeton, New Jersey

Purdue University Lefayette, Indiana

Renoselser Folytochnic Institute Troy, New York

Rice Institute Houston, Texas

Rochester, University of Nochester, New York

South Carolina, University of Columbia, South Carolina

Southern California, University of Yale University Los Angeles, California

Stanford University Stanford, California

Texas, University of Austin, Terms

Tufts College Medferd, Messachusetts

Tulane University of Louisiana New Orleans, Louisiana

Uteh, University of Salt Lake City, Utah

Variorbilt University Bashville, Tennessee

Villenova College Villanova, Fernsylvania

Virginie, University of Charlottesville, Virginia

Washington, University of Beattle, Washington

Visconsin, University of Madison, Wisconsin

New Haven, Correcticut

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AFFENDIX B
MARINE CORPS COURSES IN THE NEOTO CURRICULUM

Junior Year

OCCUPATION OF TAXABLE PROPERTY CONTRACTOR OF TAXABLE PROPERTY		
Course	Course No. No.	of hours
Military History and Policy	M3 301 (M)	15
History of the Art of Wer	NS 302 (M)	45
Laboratory Sessions:	NS 302 (M)	18
1. Map reading		(6)
2. Terrain appreciation		(4)
3. Infantry veapons		(6)
4. Terrain problem Total	hours Junior Year	(S)
Senior	Year	
Military History and Policy	/a-egit/Villa-est.Chip	30
Amphibicus Warfare	WS 415 (W)	30
Amphibious Warfare	ms 413 (N)	30
Laboratory Sessions:	RG 401 (M)	18
1. Weapons		(15)
2. Naval Justice		(4)
3. Terrain problem Total	hours Senior Year	(5)
Total hours Mar	ine Corps Courses	186

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APPENDIX C

25 November 1949

From: Captain L. F. SHODDY, Jr., U. S. Marine Corps.

To : Professor of Haval Science

Subj: Job descriptions of Marine Corps enlisted personnel on duty with MROTC Units.

Enel: (1) Freparation of Job Description.

(2) Personal History Questionnaire.

(3) Rating Form.

- 1. This officer is currently enrolled in the Personnel Administration and Training Course at Northwestern University. To fulfill a thesis requirement, and as a research project for the Marine Corps in conjunction with the course, an analysis is being made of the duties usually required of Marine Corps enlisted personnel serving with NMOTE units. On the basis of the findings, a determination will be made as to how personnel should be selected and trained for such duty.
- 2. In connection with this study, it is requested that the enlisted Marine in your Unit be directed to prepare a description of his duties in accordance with enclosure (1) and complete the Personal History Questionnaire which is enclosure (2). Attention is invited to the fact that the completed job description should be reviewed by the Marine Officer Instructor and approved by the Professor of Neval Science.
- 3. It is further requested that the Professor of Naval Science accomplish the Rating Form, enclosure (3), without the knowledge of the enlisted Marine concerned.
- 4. A self-addressed envelope is enclosed. If at all practicable, it is desired that the data requested in enclosures (1), (2), and (3), be completed and mailed by 17 December 1949.
- 5. All information collected in connection with this study will be destroyed as soon as the data has been compiled and statistical analysis completed. The completed thesis will not contain data on any specific NROTC unit or the name of any individual in the Program.
- 6. Your cooperation in this matter will be greatly appreciated.

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AFFENDIX C (CONT.)

PREFARATION OF JOB DESCRIPTION

BY MARINE CORPS SHLISTED INSTRUCTOR

You are being asked to prepare a description of your duties because an analysis is to be made of the duties required of Marine Corps enlisted personnel serving with FMOST units.

It is important that an accurate job description be obtained. You are requested to WRITE SIMPLY, STICK TO FACTS. Do not worry about grammar, punctuation or style. The only thing that counts is that you be understood when you tell what you do.

The list of questions which follows on the next page is to help you make sure that you include everything connected with your duties. You are requested to answer the questions in the order they are presented and to number your answers accordingly. Please add any information you feel will help others understand what you do.

The description may be written in long hand or typewritten but should be on standard size Nevy stationary. (8 x $10\frac{1}{2}$)

When completed, the job description should be reviewed by the Marine Officer Instructor who is requested to make any necessary additions or corrections in a separate statement.

The job description, with the Marine Officer Instructors' comments attached, should be submitted to the Professor of Maval Science for approval.

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APPENDIX C (CONT.)

QUESTIONS TO BE ANSWERED BY MARINE CORPS EMLISTED

INSTRUCTOR IN PREPARING JOB DESCRIPTION

- 1. What are your usual duties? (Describe each duty briefly; give names of any courses in which you instruct.)
- 2. What other duties do you perform that are not a usual part of your duties? (Describe each briefly.)
- 3. What do you consider are your major responsibilities?
- 4. What are the things most important and necessary for you to know in performing your duties?
- 5. For what materials or equipment are you responsible?
- 6. If you are assigned duties by officers other than the Marine Officer Instructor give examples of such duties.
- 7. How much opportunity is left you to use your own judgement in your work? (For example, are your orders detailed or are they general and permit you to decide how to get the task done?) Give an example.
- 8. What reference materials do you find most helpful in performing your duties?

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APPENDIX C (CONT.)

PERSONAL HISTORY QUESTIONNAINE TO BE COMPLETED BY MARINE CORPS ENLISTED INSTRUCTOR

(Additional Sheets should be used where necessary)

	Date	
Force		
Age Date reported to M	ron unit	
Length of service in Marine Corps_	and replaced to the state of th	(yearc).
Length of service in present rank		
Were you graduated from a high scho	ol?	(yes or no).
If you attended a college or universchool years you completed: 1 2		ber of full
List the service schools of over to attended with dates of attendance:	vo weeks duration whi	ch you have
Have you had previous experience as school (yes or no). If so length of such experience:		
What previous duty was most useful duties?	as preparation for y	our present
In your opinion, was the Instructor special training for MRONC duty? additional training would you reco	rs Orientation Course (yes or no).	adequate If not, what
Do you participate in any school as gram (such as assisting in the interest an athletic team, coaching addition or no). If so, list them:	ra-mural program, ass	ociation with
	500000	
	Signature College or	
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APPENDIX C (CONC.)

PATING OF MARINE CORPS ENLISTED INSTRUCTOR (TO BE COMPLETED BY THE PHOPERSON OF MAVAL SCIENCE)

		Date .
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	(Please check one characterist	ic under each trait.)
l.	Military Bearing and Meatmess:	
	Slovenly, not neat.	
	Pour posture, modis mestmess r	alivêers.
	Clean, orderly.	
	Very ment, well ground.	
	Prepossessing, attracts attent	ia.
2.	Group Adaptability:	
	Concenial, is south after.	
	Conerally accepted by the ground	
	Colorless, does not attract.	
	Repelling, avoided by others.	
3.		
	Goes stant his work half-hourt	
	Sometimes appears indifferent.	
	Sanctimes appears indifferent. Shows interest ordinarily expe	cted.
	More than average interest in	ale werk.
	Bagerly enthusiastic about his	with.
	Anouledge of his Work:	
	Has mestery of all phases of h	is work.
	Unionally well informed airmit	his work.
	les adequate involetge of his	
	lies not gained adequate compre	hension of his work.
	Performance of Instructional Sutice	•
<i>y</i> •	Not sufficient ability for ins	
	Below everage for an enlisted	
	Sufficient instructional abili	to for this arty.
	Above everage for an enlisted	instructor.
	lies outstanding instructional	ebility.
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APPENDIX D

PERCENTAGES OF MAINTIALS AND PUBLICATIONS PERCETED AS MOST UNITED TO BELIEVED MARINES SERVING WITH BRUTE UNITE.

- 1. Field Mercule a number of publications of the United States Army which deal with a great variety of subjects. It is assumed that the Field Manuals used by the Marine Instructors common infantry venpons and close order drill, may reading, and terrain appreciation.
- 2. Merine Corps Schools publications a number of peopliets and booklets dealing with infantry weapons, tactics, map reading, empitions operations, and other subjects of importance to Herines. Fublished and promulgated by the Marine Corps Schools, Quantico, Virginia.
- 3. Neval Ordnance publications booklets and normals published by the Bureau of Ordnance, Department of the Bavy, exvering such subjects as Maval gummery, assumition, firing procedures, and related ordnance subjects.
- 4. United States Navy Regulations regulations for the government of all persons in the Naval Establishment. Published and promulgated by the Secretary of the Navy.
- 5. Technical Marmals booklets prepared and published by the Department of the Army covering technical subjects such as detailed instructions on rifle repair, vehicle maintenence, and many, many other subjects.
- 6. MROTE text books the Enlisted Marine Instructors are concerned with the text books dealing with the history of war, principles and techniques of emphisious operations, and Marine Corps history.
- 7. Marine Corps Manual a Marine Corps publication in which the Commendant of the Marine Corps, by authority of the Socretary of the Mary, prescribes detailed rules and directions for the administration and instruction of personnel of the Marine Corps, based upon, and supplementary to, laws and regulations of higher authority.
- C. Merine Corys Gazette a professional magnetime for United States Newines. The official organ of the Morine Corps Association. Contains articles of general interest to and by Marinec.
- 9. Instructore Guide a book for MATA Testructors, published by the Bureau of Fersonnel. Contains lesson plans, training ald suggestions, additional reference auterials, and other natural of accistance to officer and enlisted Instructors.
- 10. Quidebook for Marines a semi-official book propered by the Leatherneck Association. Contains information on the history and traditions of the Marine Corps, discipline and courtesy, interior mand duty and other basic military skills--oriented for Marines.

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AFPENDIX D (COME.)

- 11. Deticant Rifle Association Small Bore Rifle Andes a pemphlet containing the official rules for conducting small bore rifle ratches and tournaments. NROTC rifle matches are conducted under these rules.
- 12. National Rifle Association Fistol Rules a peoplet containing official rules for the conduct of pistol and revolver matches and townsments. MROTO pistol matches are conducted under these rules.
- 13. National Rifle Association Instructors Narmal a booklet dealing with the history of firearms development, rifles and arminition, and a recommended instruction schedule for beginning markemen.
- 14. Handbook on Small Bore Rifle Shooting a book written for the beginner in rifle shooting. Provides principles on which good marks-manship is based and date on building and operating small bore ranges.
- 15. Landing Force Manual, U. S. Navy, 1938 contains information on close order drill, combat principles for small units, and landing force tactics and techniques. The material is based on Field Manuals and Training Regulations of the United States Army.
- 16. Marine Corps Letters of Instruction letters published to inform Murines of changes in regulations, orders, and matters of general interest. These have now been superceded by Marine Corps Mancrando and Information Bulletins.
- 17. The Leathermock a synthly magazine published by the Leathermock Association. Contains articles about Marines and the Marines Coars and matters of general interest to Marines.
- 18. Areau of Personnel Menual a marmal describing the organination of the Areau of Personnel and the administrative procedures to be followed in dealing with that Dureau.
- 19. Data from Instructors Training Course mineographed material used for instructional purposes at the Navy schools. Material deals primarily with instruction techniques and lesson planning.
- 20. Havel Courts and Boards a book published by the Department of the Havy for the government of all persons attached to the Havel service. Contains Havel Low and detailed instructions on procedures under that Low.
- 21. Infantry Journal a monthly magezine published by the infantry Association. Contains articles of interest to the infantry soldier with most contributions by United States Army personnel.

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APPENDIX B

BRILLY DESCRIPTIONS OF DUTIES CONSTINUED MOST UNIFUL AS DACKOROUND FOR ARROYS DUTY BY FIFTY ONE ENLISTED MARINES SERVING WHIN BROTS UNITES

- 1. Fleet Marine Force the combat force of the Marine Corps. Buty in the Fleet Marine Force provides a review of basic training and advanced training in land warfare and emphibious operations.
- 2. Recruit Depot Drill Instructor instructing Marine recruits in basic military skills of close order drill, personal hygiene, marks-manship, military discipline and courtesy, and other military subjects.
- 3. First Sergeent's billet the First Sergeent is the senior non-comissioned officer in a Marine company and performs administrative duties, assists in training company personnel including lover ranking noncomissioned officers, and other duties as may be prescribed by the unit commander. These duties will vary with the unit and local policies.
- 4. See Buty duty with one of the Florts of the United States Many abserd a capital ship. This duty provides valuable experience in guard duty, close order drill, ceremonies, and weapons.
- 5. Marine Corps Schools this duty may be with demonstration units at the schools or on the Staff of the Commandant, Marine Corps Schools. The kinds of duty possible under this heading are many and were not specified on the completed questionsaires.
- 6. Exceledge of all previous duty is utilized this general comment cannot be further explained without extensive description.
- 7. Rifle Hange Coach this duty would provide intensive experience in instructing in rifle marksmanship and familiarisation with other infantry weapons.
- 8. Sergeant Major's billet a Sergeant Major is the senior noncommissioned officer in a unit the size of a battalion or larger. We usually performs administrative duties and such other duties as may be assigned him.
- 9. See School an intensive course of instruction given to Mariuse prior to their assignment to see duty. Emphasizes ship-board terminology and organization, close order drill, guard duty, and other subjects most useful in the performance of duties at sea.
- 10. Instructors Training Course a course in instruction techniques, MRCNC orientation, and other subjects important to Marines to be assigned to MRCNC duty.

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- 11. No other duty provides background for MINIC duty no description is required in this instance.
- 12. Small arms instructor instructing in rifle, pistol, machine gun, and other small arms.
- 13. Assistant Professor of Military Science and Tactics, private military academy the duties performed in such a job are not known but it is believed that such a position would offer valumble experience in instruction techniques and in basic military subjects.
- 14. Assistant Regimental S-2 this duty would provide experience in map reading and terrain appreciation.
- 15. Motor transport duty in the motor transport field could wary videly but it is assumed that the duty would be most useful to these who are essigned responsibilities of driving and mainteining AMAC vahicles.
- 16. Parachute school an intensive course in advanced infantry techniques as well as airborne procedures and parachute skills. The school included intensive instruction in infantry veapons.
- 17. Personnel Administration School, Parris Island the school instructed Marines in the latest personnel procedures and administrative regulations.
- 18. S-3 Section, Marine Barracks, Comp Pendleton the exect nature of this duty is not known but it is assumed that the duty provided experience in training others in basic and advanced military subjects.
- 19. Staff, Commander in Chief, V. S. Pacific Fleet such duty may vary greatly in its requirements.
- 20. Range Officer would provide experience in operating a rifle and pistol range.
- 21. Troop Leaders School training in Leadership techniques and edvenced military subjects and methods of instructing others.
- 22. Troop Training Unit the daty here may vary videly. The Troop Training Units train Darine and Army units in amphibious operations.

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APPRINCIA P

INFAMERY CHIEF MOS 0319 1st Pay Grade

I. MOS Description

As senior infantry noncomissioned officer, assists in the supervision of the training, routine administration, and tectical employment of a rifle company.

Supervises preparation of personnel, weapons, and equipment for novement and combat. Inferces march discipline. Supervises the establishment of company command post, and assists in its operation. Assists in leading a rifle company in action, and on maneuvers and tactical problems. Assists in coordinating company's fire and movement with the fire and novement of other units. Inspects and determines condition of company correspondence, reports, schedules, and resters. Organizes and supervises the necessary housekeeping functions in the company. Conducts, or supervises subordinates conducting training in infantry subjects.

II. Qualification Requirements

A. For MOS 0319, 1st Pay Grade:

Be a qualified MOS 0316, 2d Pay Grade.*

Be able under general supervision, to make plans for, coordinate, and direct the work and training of rifle company personnel. Be able to perform the duties of platoen commander in action and on managers.

Know infantry tectics as applicable to the rifle company, and be able to apply such tectics.

Know standing operating procedures of battalian to which attached.

Wer qualifications of MOS 0316, 2d Pay Grade see Appendix G.

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APPRIDIX G

QUALIFICATION BEQUIERFERDS FOR MOS OBLE 3d and 3d Pay Grades

A. For MOS 0316, 3d Pay Grade:

Be a qualified MOS 0311, 4th Pay Grade.

Be able to train the members of a rifle platoon.

He able to detail strip, reassemble, and make authorized minor repairs to weapons organic to the rifle platoon.

Know employment, capabilities, and limitations of weapons and equipment organic to the rifle plateou.

Know infantry tactics as applicable to the rifle platoon, and be able to apply such tactics.

De able to read topographic and photo maps.

Be able to prepare topographic overlays and shotches.

Ency the means of communication commonly used by a rifle company. Do able to supervise the location, construction, and canouflaging of hasty and deliberate positions and ground obstacles for the rifle platoon.

De able to supervise care and cleaning of veapons and equipment

organic to the rifle platoon.

Have sufficient knowledge of the employment, capabilities, and limitations of battalion support weapons to be able to requisition, observe, and correct fire of such weapons.

Be able to requisition and supervise distribution of examition,

rations, and other supplies for a rifle platoon.

B. For NOS 0306, 2d Pay Grade:

Be a qualified NOS 0316, 3d Pay Grade.

Be able to supervise the training of rifle platcons.

Know employment, capebilities, and limitations of weapons and equipment organic to the rifle company.

know the means of communication commonly used by an infantry battalian.

Be able to supervise the location, construction, and cascuflaging of hasty and deliberate positions and ground obstacles for the rifle company.

Have sufficient knowledge of the employment, capabilities, and limitations of regimental support weapons to be able to requisi-

tion, observe, and correct fire of such weapons.

He able to requisition and supervise distribution of examition, rations, and other supplies for a rifle coupery. Hnow organisation of the division.

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APPENDIX H

THE AIMY OFFERAL CLASSIFICATION WEST

The Army General Classification Test is used by the United States Merine Corps in the initial classification and assignment of recruits. The test is administered as soon as practicable after their induction into the Marine Corps.

The Army General Classification Test is a battery of tests designed to yield measures of four different aspects of mental ability and to provide at the same time an overall measure of the individuals capacities.

The tests which make up the battery are as follows:

- 1 Reading and Vocabulary Test
- 2 Arithmetic Computation Test
- 3 Arithmetic Reasoning Test
- 4 Pattern Analysis Test

A score is computed for each of the tests in the battery and a total score is also computed.

Further information on this Test can be found in a War Depurtment Manual titled ASCT Manual - ANCT 30, 1946.

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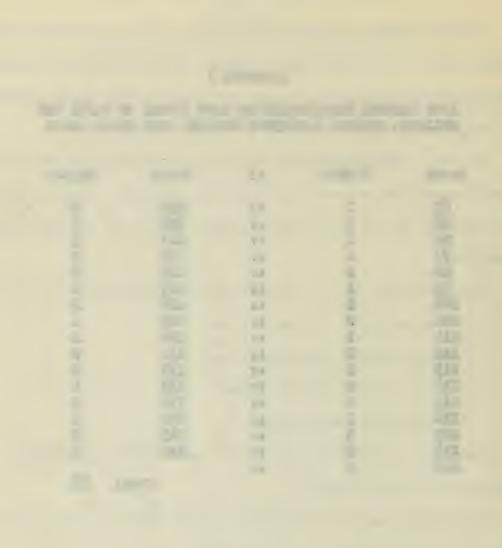
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APPENDIX I

ARRY GENERAL CLASSIFICATION TEST SCORES OF FIFTY GREENLISTED MARINES CURRENTLY SERVING WITH NEOTO UNITS

Score	Moder	* n	Score	Muder
87	1	22	120	2
83	1	2.3	122	1
95	1	2 4	123	3
97	1	2 2	124	2
98	2		129	2
98 99 105	1	9 0 0 0	127	1
106	2	2 2	120	2
109	2	8 5	129	1
111	1	::	130	3
112	2	9 th	131	2
113	2	11	133	2
114	2	2 2	135	1
115	3	::	136	1
116	1	# A	140	1
117	3	4.8	143	2
118	2	::	150	1
119	1	4 %		
-			Total	1 51

Median Score......119
Mean Score......119
Standard Deviation... 13.8



APPENDIX J
PERSONAL DATA ON MENORC ENLISTED VARINE INSTRUCTORS
WITH LOWEST AND HIGHEST TOTAL RATING SCORES

	Total rating score	ACCT SCORE	Years of NC service	Acre	Years of formal education	Bo. of extra- curricula activities
Lovest	14 14 16 16	112 106 109 123	11 12 8 15	33 33 35 35	12 16 16	Fore
Group	16 17 18 19 19	138 98 88 115 128	15 16 15 10	34 40 36 29 29	12 10 12 12	2 Rone None None Rone
Highest Group	20 20 20 20 20 20 20 20 20 20 20 20 20 2	112 114 117 118 135 99 120 123 150	12 13 14 9 18 17 12 10	32 32 34 29 39 33 35 28 35	12 10 12 14 10 12 13 13	None None Rone 2 2 1 None 3

- -. FIRST WEEK

U.S. NAVAL SCHOOL, INSTRUCTORS NROTC ENLISTED INSTRUCTORS CCURSE NAVAL STATION, NORFOLK, VIRGINIA

JUNE, 1949

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
0830 to 0920	Introduction to Course. Place of Training in Navy. Importance of Instructors Job	Talks on "Factors" by Students	Review & Test on Mechanics and Principles of Learning	Planning Instruction Introduction to Lesson Plan. (Film SN-98)	Planning Instruction The Presentation Phase	Inspection
0930 to 1020	Overview of Objectives, Content, Personnel & Physical set-up NRCTO	Review & Test on Factors of Learning	Planning Instruction Instr. Analysis Complete billet. Use of NavPers 18068	Planning Instruction Titles & Objectives	Planning Instruction Application & Summary Phases	Examination on first weeks material
1030 to 1130	Factors affecting Learning (Film SN-49)	Mechanics & Principles of Teaching (Film SN-48)	Instr. Analysis Job Breakdowns	Planning Instruction The Preparation Phase of Lesson Planning	Planning Instruction Test & Assignment Phases	Review of Examination
1300 to 1350	Factors Affecting Learning	Characteristics of the Instructor. (Film MN-100)	Preparation Period Students prepare own job Breakdowns	Planning Instruction The Introduction Phase. Motivation & Interest. Prepare 5 min. introductions	Questioning Techniques	
1400 to 1450	Assignment & Pre- paration period. 5 Min. talk on "Factors".	Blackboard Techniques. (Film SN-101)	Instr. Analysis Discussion & Review	Practice Teaching on Introductions	Planning Instruction Review of Complete Lesson Plan	
1500 to 1600	Talks on "Factors" by Students	How to Study	Test on Instructional Analysis	Practice Teaching on Introductions	Field Day	

1220				
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SECOND WEEK

U.S. NAVAL SCHOOL, INSTRUCTORS NROTC ENLISTED INSTRUCTORS COURSE

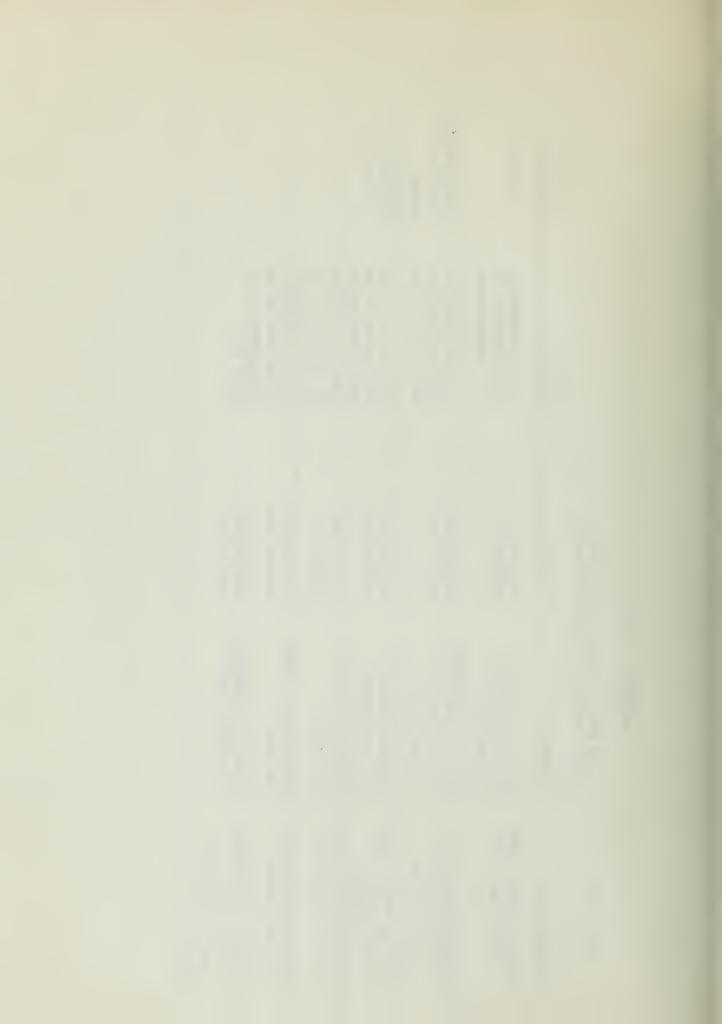
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
0830 to 0920	Training Aids Functions, Types & Availability	Methods of Instruction. 1. The Lecture. Tips on Speaking.	BuPers. Publications Curriculum, Instruc- tors Guide, Labora- tory Manual, Cruise Manuals	Instruction Sheets Definition Types Value and Use	Preparation Period Constructing a Lesson Plan for Formal Lecture	Inspection
0930 to 1020	Training Aids Proper Utilization (Film MN 3731)	Methods of Instruction.2. Directed Discussion	Instructional and other duties at an NROTC Unit.	Instruction Sheets Information Sheets	Practice Teaching (Formal Lecture)	Examination on second weeks material
1030 to 1130	Designing Training Aids	Methods of Instruction. 3. The Demonstration. (Film MN 188)	Review Film (Film MN 6605)	Preparation Period Writing Information Sheets	Practice Teaching (Formal Lecture)	Review of Examination
1300 to 1350	Preparation Period in Designing Training Aids	Demonstration Techniques	Scheduling Techniques	Instruction Sheets Assignment Sheets	Practice Teaching (Formal Lecture)	
1400 to 1450	Presentation of Students Training Aids	Methods of Instruction Test & Review	Evaluation of Teaching Techniques Use of check list	Instruction Sheets The Job Sheet	Practice Teaching (Formal Lecture)	
1500 to 1600	Test & Discussion on Training Aids	Overview of Methods of Instruction. (Film MA 1479)	Preparation Period Writing Teacher Evaluation Sheets	Test and Review of Scheduling and Evaluation Techni- ques and Instruc- tion Sheets.	Field Day	

APPENDIX K (CONT.)

THIRD WEEK

U.S. NAVAL SCHOOL, INSTRUCTORS NROTC ENLISTED INSTRUCTORS COURSE

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
0830 to 0920	Holiday	Selection and Types of NROTC Candidates	Talk by PNS on Public Relations at an NROTC Unit. Duties of Instructor	Navy Driver's Examination	Practice Teaching and Evaluation on The Demonstration	Inspection
0930 to 1020	Holiday	University Organi- zation and its relation to the NROTC	Talk on How Chiefs can develop officer- like attitudes.	Navy Driver's Examination	Practice Teaching and Evaluation on The Demonstration	Examination on third weeks material
1030 to 1130	Holiday	Testing Techniques Types of Tests 1. Essay Type	Academic Organiza- tion and General Regulations for.	Navy Driver's Examination	Practice Teaching and Evaluation on The Demonstration	Review of Examination
1300 to 1350	Holiday	Testing Techniques 2. Objective Type	Shop and Laboratory Management	Navy Driver's Examination	Practice Teaching and Evaluation on the Demonstration	
1400 to 1450	Holiday	Testing Techniques The Performance Test	Advantages of NROTC Assignment.	Navy Driver's Examination	Practice Teaching and Evaluation on The Demonstration	
1500 to 1600	Holiday	Testing Techniques Scoring and Interpretation of Tests.	In-Service Training at an NROIC Unit.	Navy Driver's Examination	Field Day	

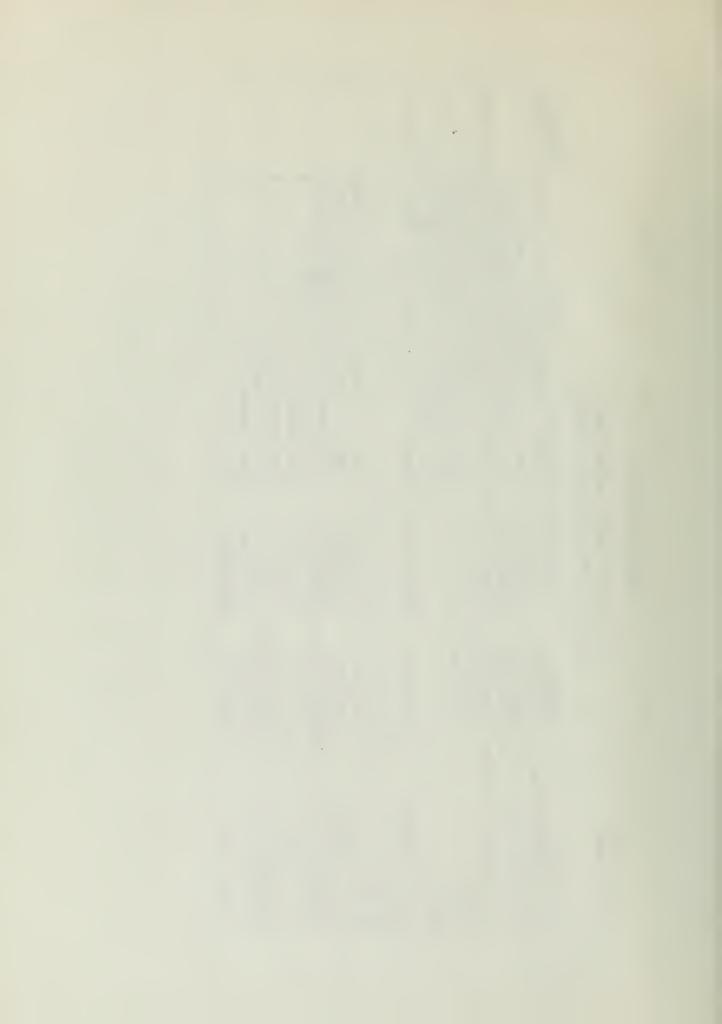


APPENDIX K (CONT.)

U.S. NAVAL SCHOOL, INSTRUCTORS NHOTE ENLISTED INSTRUCTORS COURSE

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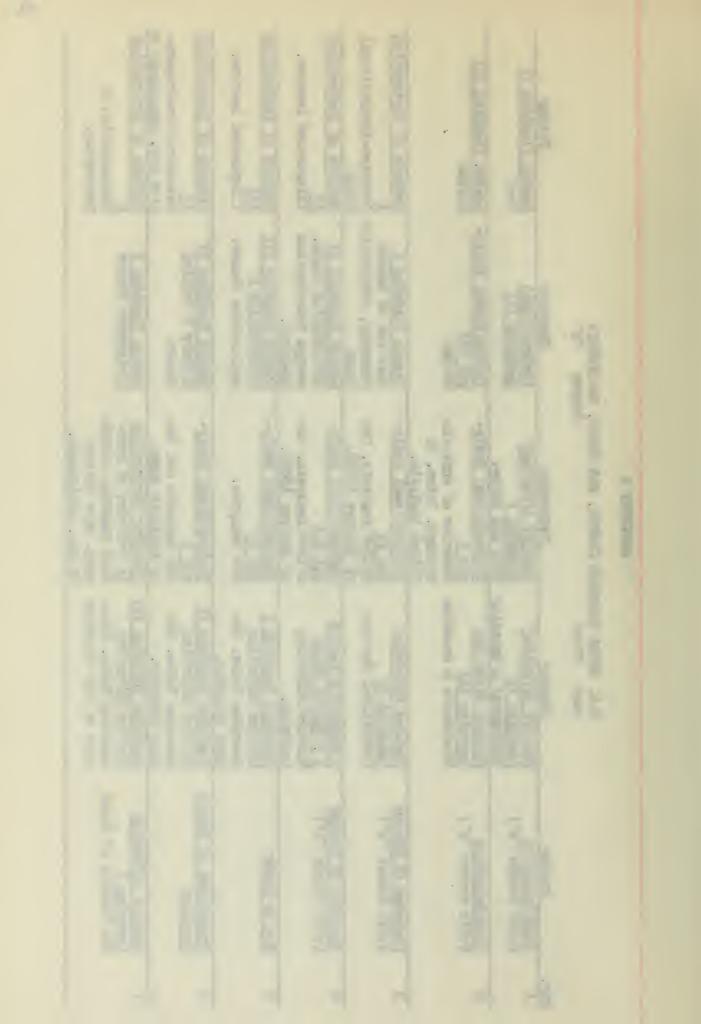
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Saturday	1	9		exemination	on entire		Discussion	and	Critique											
Friday	Practice Teaching	and Evaluation on	The Demonstration	Practice Teaching	and Evaluation on	The Demonstration	Practice Teaching	and Evaluation on	The Demonstration			Practice Teaching	and Evaluation on	The Demonstration	Summary and	Review				
Thursday	Fractice Teaching	and Evaluation on	The Demonstration	Practice Reaching	and Evaluation on	The Demonstration	Practice Teaching	and Evaluation on	The Demonstration			Practice Teaching	and Evaluation on	The Demonstration	Practice Teaching	and Evaluation on	The Demonstration	Practice Teaching	and Evaluation on	The Demonstration
Wednesday	Review of	Evaluation	Field Trip	Fleet Training	Center				Discussion			Practice in	Projector	Operation	Practice n	Projector	Operation	Practice in	Projector	Operation
Thesday	Review of	Evaluation	Field Trip	NavScol, Air	Conditioning & Center	Refrigeration			Discussion			Practice in	Projector	Operation	Practice in	Frujector	Operation	Preside in	restore	Operation
Monday	Review of Teacher	Evaluation	Field Trip	MavScol, Radarmen					Discussion			Practice in	Projector	Operation		Projector	Operation	Practice in	Projector	1500 Cueration
Time	0830	2	0550		0650	<u>د</u>	1.020		1.030	t2	1130	1300	ç 0	1350	17400	40	1450	1500	to	1,500



APPENDIX L

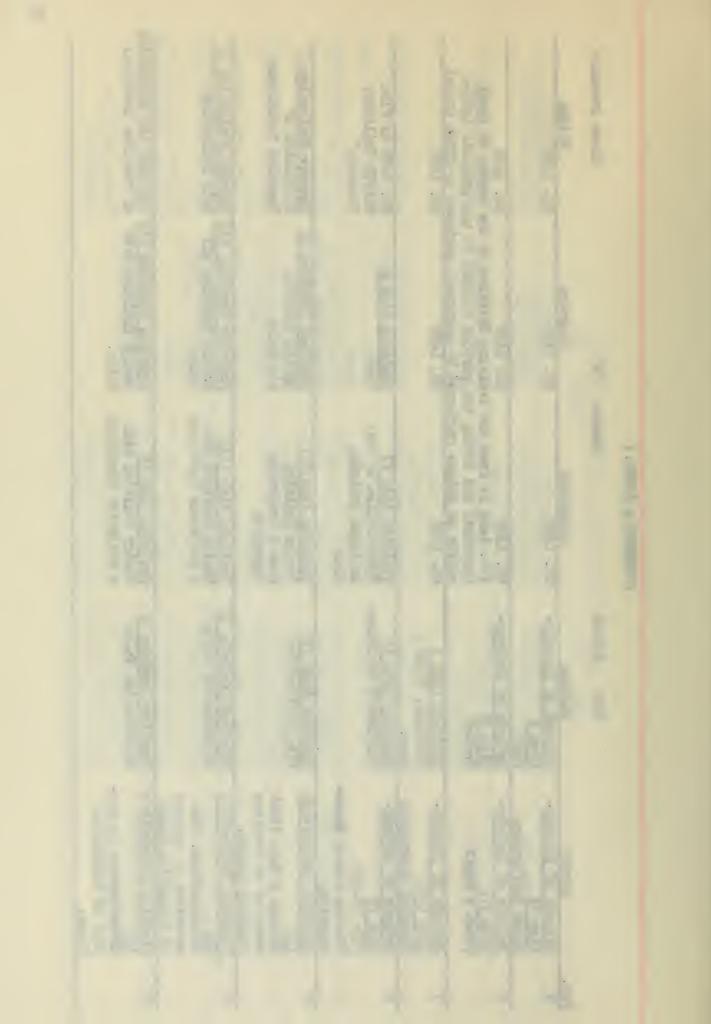
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Tenradev	Instructional Analysis III	Sis VII Meview	Nesson Planning I Overview of Lesson Flanning, Preparetion Phase	Introduction Place. Assign Introduction Speeches.	Presentation & Application Flanses.	Action Plenting IV Actions & Secting Phases	Ascigness Finces
Wednesday	Mactors Affecting Logining V Test and Paview	Instructional Analy- sis I Overview of Analysis Concept. Intro. to Billet Analysis.	sis II. Dillet Analysis. Use of NavPers 18069.	Fig. III. Smalysis. Use of MayPers 18669.	Instructional Araly.	Instructional Analy- sis V Job Analysis and Use of Analysis Shoet	Electronic instruction is considered to the factories in the instruction in the factories.
Tiesday	Vectors Affecting Loanning II Wintrances A Sampdles	Fectors Affecting Jeanstry III Hindresces & Bruedies	Ferrors Affecting Learning IV Presotional Partors	February Control of Sectors Affecting Jearwing.	Fractice Teaching I Factors Affacting Learning Talks. Use Tage Recorder.	Fractice Feaching II Factors Afforting Lacening Talks, the Tape Recorder,	Freches Versching 111 Freches Affecting Lock on Taye Recorder
Monday	Indectrination (vith course "A")	Indoctrination (with course "A")		8 - N		Principles of Public Speaking	Forton Affecting
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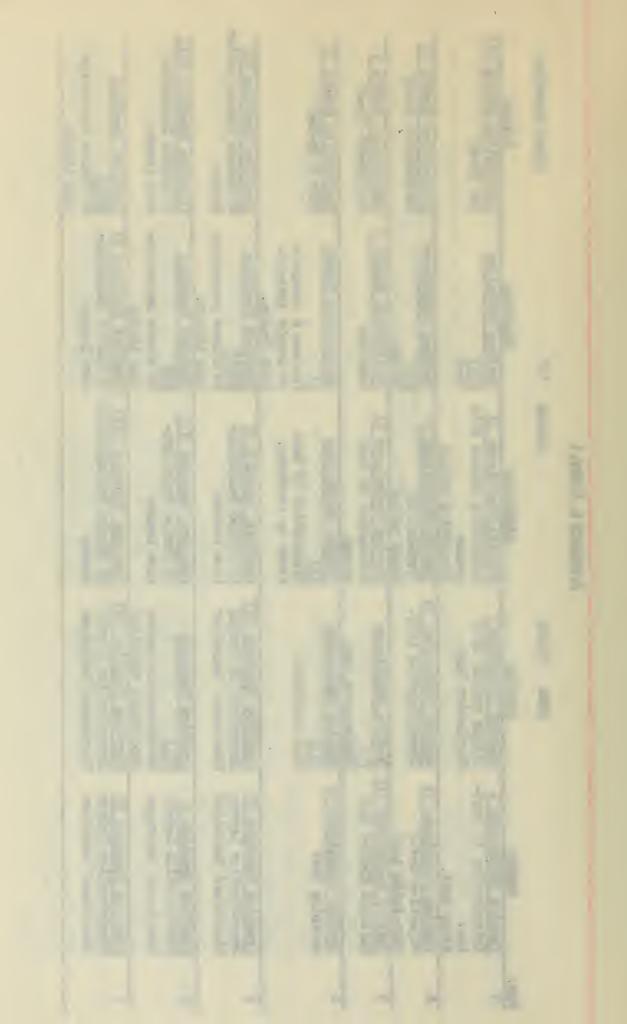
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	Charles and the contract of th	is from the training bivision of the Buresu of and Curing the periods allowed to him presents duties performed by someones and the presents			Practice Ceaching Design Training Aid Talks		Vector of the factor of the fa	
compa	Mi. LAN	(Mr. Lang is from the Percomes and Guring mation on dating per		Training Aids VI Introduction to Delf Designed Training	Training Alds VII Decign Training Alds & Projector Operation	Projector Operation	Preign Treining Aids & Projector Operation	
X COST	300	Methods of Instruc- tion XI Review	Crothing Aids I Furycsos, Types & Uses.			Frottice teating IV	THE SAME TO THE SAME	
	Metacds of Instruction VI Orone Performance	Methods of Instruc- tion VII Coach & Fupil	Ston VIII Discussion	Methoda of Instruc- tion IX Wilm W109 "Glving a shop descen- stration."	Flerming Instruction Lit. Discuss & Make finel decision on Prestice	Vienning Instruction	Pleaning instruction III Description by near Ders of Organization Closs.	
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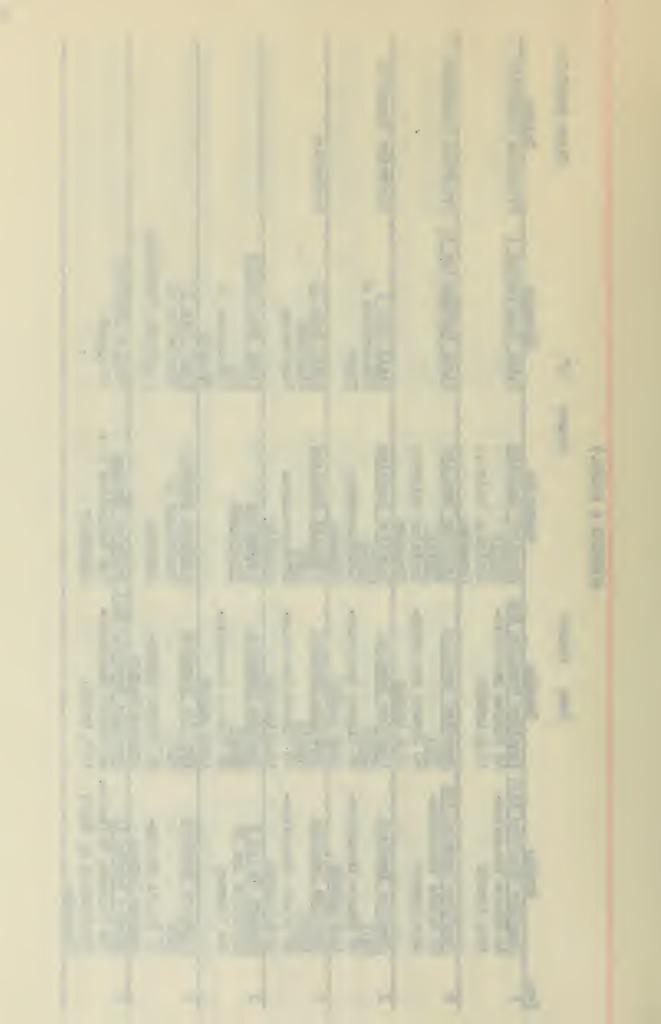
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Class Schedule	Section 1	Job Spee	Instruction Sheets 17 Information Sheet	Assignment Spec	Instruction Speece VI Test & Deview	Frectice Teaching XXI TO Manute Demonstration	Troctice Teaching XXII to Minute Descustments Losson	Marchice Teaching Adding Addington Decomposite City Lector
	Couraday	Testing Technique	Testing Techniques XIV Navier	Instruction Sheets Overvier	II Truction Sheets II Preview & Analysis of Semple Instruc-	Proctice Teaching XVIII 40 Minite Description tion Lesson.	E .	Minute Mecain M.
Course	Wednesday	Converting scores into grades Proportion Method	Pesting Sechalques X Translation Craph method	Secting Techniques XI Evaluation of test scores	Testing lecimiques XIII Preparation of test Atems by students.	Practice Feaching NV to Mimite Demonstra-	Frectice Teaching AVI to Minte Denometro- thon Leason	Fractice Teaching XVII 40 Minte Deschistorion Lesson
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APPENDIX M

ADDITIONAL TRAINING FUCONFERED FOR AND OTHER CUMMENTS ON THE INSTRUCTORS TRAINING COURSES BY FIFTY ONE ENLISTED MARINE INSTRUCTORS*

- 1. "A review and practice of close order drill would be helpful.
 Otherwise the course was excellent. Much of the detailed instruction could be dropped and more practicable instruction in
 its place".
- 2. "Course should be of three weeks duration".
- 3. "Recommend field work and practical experience in the various duties found at an MRORC unit. Should include drill, weapons, administration, marksmanship, and limm projection work".
- 4. "Recommend course on all weepons, more work on training sids".
- "Host of the things one has to know, teach, or perform are not taught in one school. Three-fourths of that school is a waste of time".
- 6. "Recommend less emphasis on instructing and more on use of training aids".
- 7. "The school was excellent as a whole but they need more training aids for use of Marine students in giving demonstration lectures".
- 8. "All Marines should be given a short indectrination course in infantry weapons, map reading, terrain appreciation, and naval hustice".
- 9. "The course is useful but not to any great extent. So far I've applied very little of knowledge learned in instructors course".
- 10. "Course could have been of latter duration",
- 11. "We spent approximately one day on training aids. I think that a much more thorough study of training aids as related to MRCTC course would be beneficial".
- 12. "Should be more training on the operation of movie projectors, close order drill, and small arms instruction".
- 13. "In the school no one actually knew what the duties of a Marine Corps Instructor would be".

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APPINDIX M (COMP.)

- 14. "Recommend more emphasis on sketching, less on the theory of teaching and more actual work with training aids".
- 15. "Nothing could be added that would replace the first three or four months on the job which is necessary for orientation to this type of duty".
- 16. "Recommend a longer school period to allow more teaching practice; a clearer understanding of an enlisted man's duties".

Quoted from the data furnished by the Unlisted Marine Instructors.

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